FORM 3

STATE OF UTAH

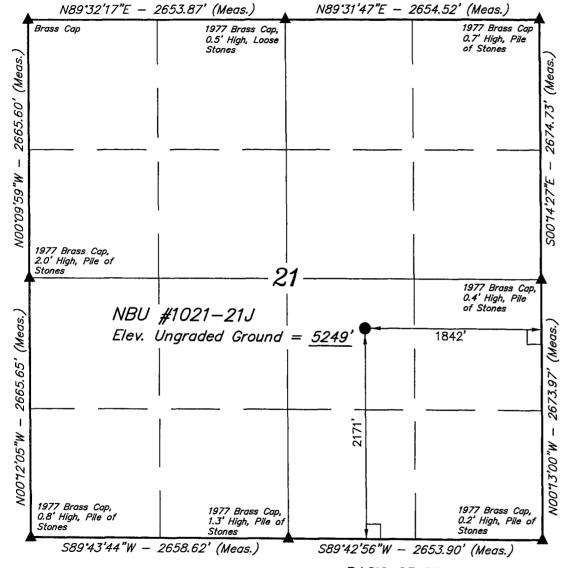
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

	APPLICATION FOR PERMIT TO DRILL								6. SURFACE: State
1A. TYPE OF WO	DRK: D	RILL 🔽	REENTER [DEEPEN				7. IF INDIAN, ALLOTTEE O	R TRIBE NAME:
B. TYPE OF WE	ELL: OIL	GAS 🗹	OTHER	SIN	GLE ZONE [MULTIPLE ZON	E 🗸	8. UNIT OF CA AGREEMENT NATURAL BUTT	
2. NAME OF OPE	ERATOR: RT OIL & GA	AS COMPA	ANY, L.P.					9. WELL NAME and NUMBE NBU 1021-21J	
3. ADDRESS OF 1368 S 120	OPERATOR:	_{OITY} VEF		TATE UT ZIP 84	078	PHONE NUMBER: (435) 781-7060		10. FIELD AND POOL, OR V	
	WELL (FOOTAGE	,	1023	629 X	39.0	731960		11. QTR/QTR, SECTION, TO MERIDIAN:	DWNSHIP, RANGE,
	2171' FSL PRODUCINGZON		. 400 445	1998V	-100	. 553166		NWSE 21 10	S 21E
			EAREST TOWN OR F		109	. 150166		12. COUNTY:	13. STATE:
			OURAY, UTA					UINTAH	UTAH
15. DISTANCE TO	O NEAREST PROP	ERTY OR LEAS	E LINE (FEET)	16. NUMBER O	F ACRES IN LEA		17. N	UMBER OF ACRES ASSIGNE	
1842'	O NEAREST WELL	(DRILLING CO	MR ETED OR	19. PROPOSED) DEDTU-	1440	20 B	OND DESCRIPTION:	40
APPLIED FOR	ONEAREST WELL R) ON THIS LEASE O TOPO C		WIFLETED, OR	19. PROPOSEL	DEFIN.	9,300		_B0005238	
	(SHOW WHETHE	R DF, RT, GR, E	TC.):	22. APPROXIM	ATE DATE WOR			STIMATED DURATION:	
5249.4' G	L						TC	BE DETERMINE) —————
24.			PROPO	SED CASING A	ND CEMEN	TING PROGRAM			
SIZE OF HOLE	CASING SIZE, (GRADE, AND W	EIGHT PER FOOT	SETTING DEPTH		CEMENT TYPE, QUA	ANTITY,	YIELD, AND SLURRY WEIGH	Т
14"				40					
12 1/4"	9 5/8"	32.3#	H-40, STC	2,000	PREM C	ИТ	26	35 SX 1.1	8 15.6
7 7/8"	4 1/2"	11.6#	I-80, LTC	9,300	PREM LI	TE II	42	20 SX 3.3	8 11
					50/50 PO	Z G	152	20 SX 1.3	1 14.3
				·					
					_				
				· · · · · · · · · · · · · · · · · · ·					
25.				ATTA	CHMENTS				·
VERIFY THE FOL	LOWING AREATT	ACHED IN ACC	ORDANCEWITH THE	UTAH OIL AND GAS C	ONSERVATION (GENERAL RULES:			
WELL PL	AT OR MAP PREPA	ARED BY LICEN	SED SURVEYOR OR	ENGINEER	✓ co	MPLETE DRILLING PLAN			
Z EVIDENC	E OF DIVISION OF	WATER RIGHT	S APPROVAL FOR U	SE OF WATER	FO	RM 5, IF OPERATOR IS PE	RSON O	R COMPANY OTHER THAN T	HE LEASE OWNER
					_				
NAME (PLEASE I	_{PRINT)} DEBRA	A DOMEN	ICI		TITLE	ASSOC. ENVI	RON	MENTAL ANALYS	Т
SIGNATURE \		DETIN	00010		DATE	11/21/2005			
	to use only	10 10 1 1 K	· vv····		DATE				
(This space for Sta	te use only)			Bill sign provided die -	Approv e	d by the		RECE NOV 3	INFL
	11.	87 .	1n. [0]	š	Utah Div	/ISION OT	e de la companya de l	112	₀ 2005
API NUMBER ASS	SIGNED: 43	5-047.	31434		ii, Gas √a	nd Mining	1	MOA 2	MINING
				Date:	QL-4	A-UHAN	-	DIV OF OIL,	GAS & MINING
(11/2001)				(See Instruction	Son Reverse S	Well IX		יייוט -	

(11/2001)

T10S, R21E, S.L.B.&M.



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

__ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

LATITUDE = 39'55'54.94" (39.931928) LONGITUDE = 109'33'13.93" (109.553869)

(NAD 83)

(NAD 27) LATITUDE = 39'55'55.06" (39.931961)

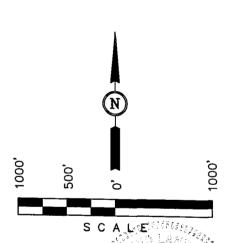
LONGITUDE = 109'33'11.46" (109.553183)

WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #1021-21J, located as shown in the NW 1/4 SE 1/4 of Section 21, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND PREFER

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAN

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

(440) 100-1011						
SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 10-16-05 10-28-05					
PARTY J.F. P.J. K.G	REFERENCES G.L.O. PLAT					
WEATHER COOL	FILE WESTPORT OIL AND GAS COMPANY, L.P.					

NBU 1021-21J NWSE SEC 21-T10S-R21E UINTAH COUNTY, UTAH UTU-02278

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1225'
Wasatch	4325'
Mesaverde	7200'
TD	9300'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1225'
Gas	Wasatch	4325'
Gas	Mesaverde	7200'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 9300' TD, approximately equals 5766 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3720 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please refer to the attached Drilling Program.

10. Other Information:

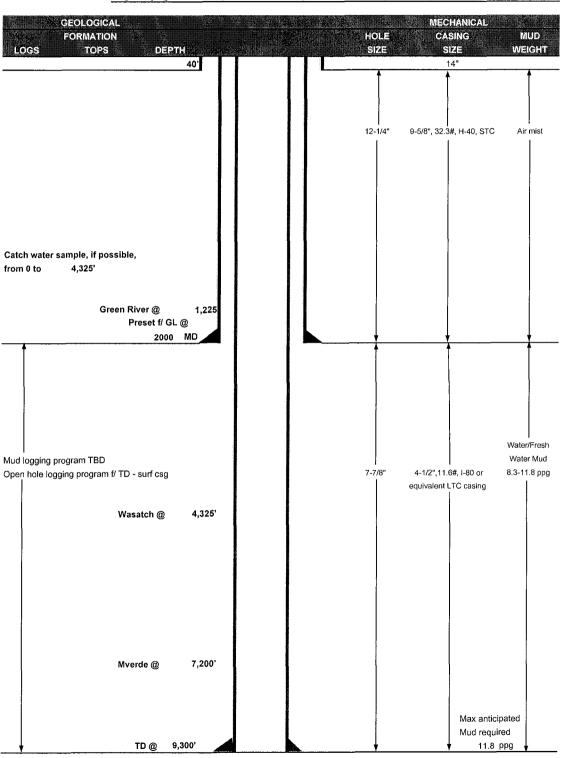
Please refer to the attached Drilling Program.



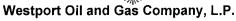


Westport Oil and Gas Company, L.P. DRILLING PROGRAM

Westport Oil and Gas Co., L.P. COMPANY NAME November 15, 2005 NBU 1021-21J MD/TVD WELL NAME TD 9,300' KB 5,264' FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,249' GL SURFACE LOCATION NWSE SECTION 21-T10S-R21E 2171'FSL & 1842'FEL Straight Hole BHL Latitude: 39.931928 Longitude: 109.553869 OBJECTIVE ZONE(S) Wasatch/Mesaverde ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.







DRILLING PROGRAM

CASING PROGRAM

								i	ESIGN FACT	ORS +
	SIZE	IN	TERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	_	0-40'							
							·	2270	1370	254000
SURFACE	9-5/8"	0	to	2000	32.30	H-40	STC	0.62*****	1.46	4.49
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	9300	11.60	I-80	LTC	2.13	1.11	2.13
	l									

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

11.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

3660 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele		:		
TOP	OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		j	+ 2% CaCl + .25 pps flocele				,
TOF	OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to su	urface, opt	ion 2 will b	e utilized	
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC]			
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
TOP OUT CMT		as required	Premium cmt + 2% CaCl	as req.	l	15.60	1.18
PRODUCTION	LEAD	3,820'	Premium Lite II + 3% KCI + 0.25 pps	420	60%	11.00	3.38
	Į		celloflake + 5 pps gilsonite + 10% gel			i	
	[+ 0.5% extender				
	İ						1
	TAIL	5,480'	50/50 Poz/G + 10% salt + 2% gel	1530	60%	14.30	1.31
			+.1% R-3				

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.	

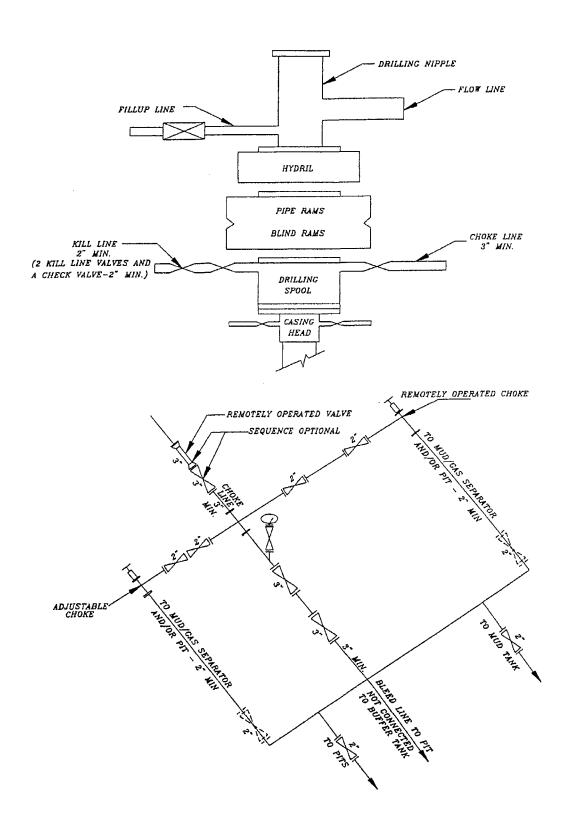
ADDITIONAL INFORMATION

	BOPE: 11" 5M with one a	nnular and 2 rams. Test to 5,000 psi (annular	r to 2,500 psi) prior to drilling out. Record on chart recorder &
	tour sheet. Function test r	ams on each trip. Maintain safety valve & ins	ide BOP on rig floor at all times. Kelly to be equipped with upper
	& lower kelly valves.		
	Drop Totco surveys every	2000'. Maximum allowable hole angle is 5 de	egrees.
	Most rigs have PVT System	ms for mud monitoring. If no PVT is available,	visual monitoring will be utilitzed.
RILLING	ENGINEER:		DATE:
		Brad Laney	
RILLING	SUPERINTENDENT:		DATE:

Randy Bayne 1021-21J_APD.xls

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 1021-21J NWSE SEC 21-T10S-R21E Uintah County, UT UTU-02278

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 0.1 miles of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 467' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East. Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

NBU 1021-21J	Surface Use & Operations Plan	Page 6
1100 1021-210	Durince obe of Operations 11mm	

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici 11/21/2005

Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-21J SECTION 21, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.5 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-21J

LOCATED IN UINTAH COUNTY, UTAH SECTION 21, T10S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

LOCATION PHOTOS

MONTH DAY

РНОТО

TAKEN BY: J.F. | DRAWN BY: C.P. | REVISED: 00-00-00

WESTPORT OIL AND GAS COMPANY, L.P. NBU #1021-21J

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH **SECTION 21, T10S, R21E, S.L.B.&M.**



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: SOUTHEASTERLY

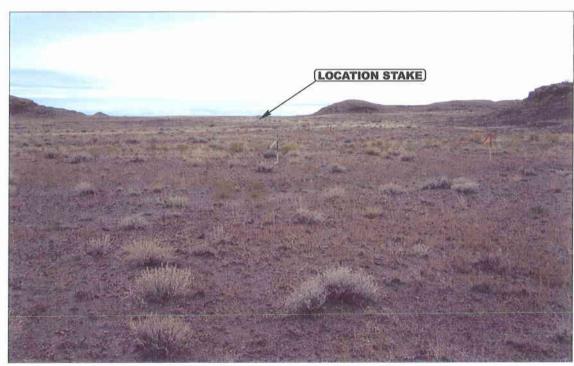


PHOTO: VIEW OF PIPELINE AT LOCATION

CAMERA ANGLE: SOUTHEASTERLY



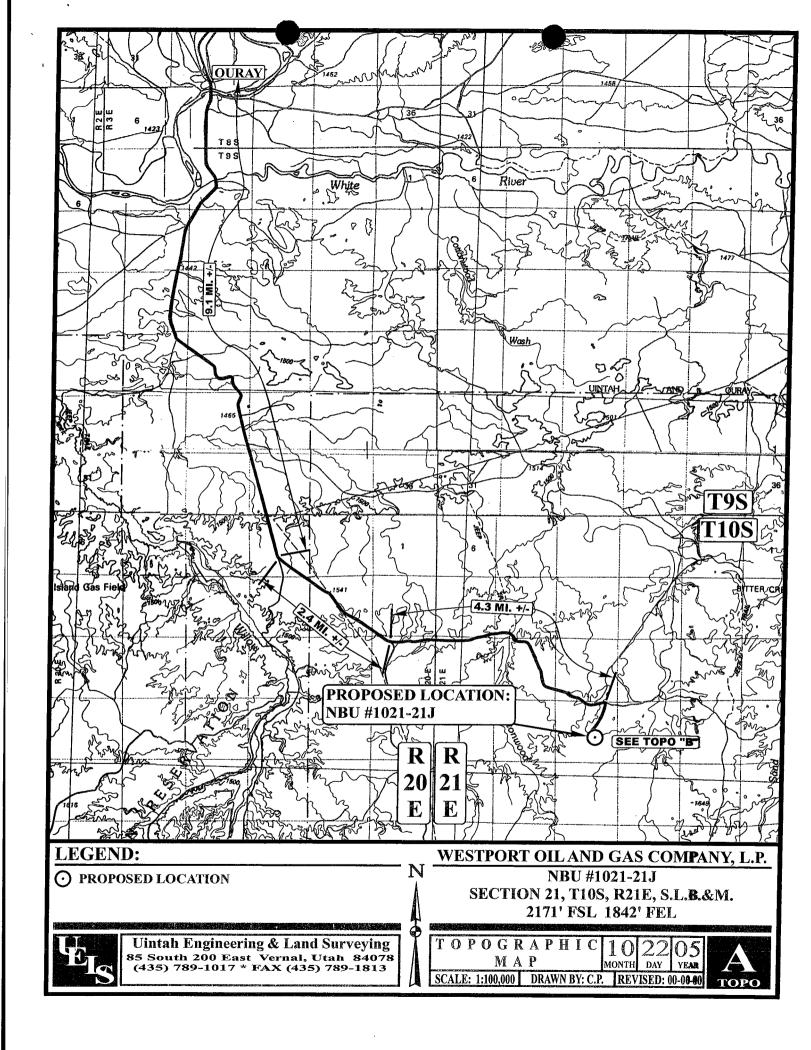
Uintah Engineering & Land Surveying S 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

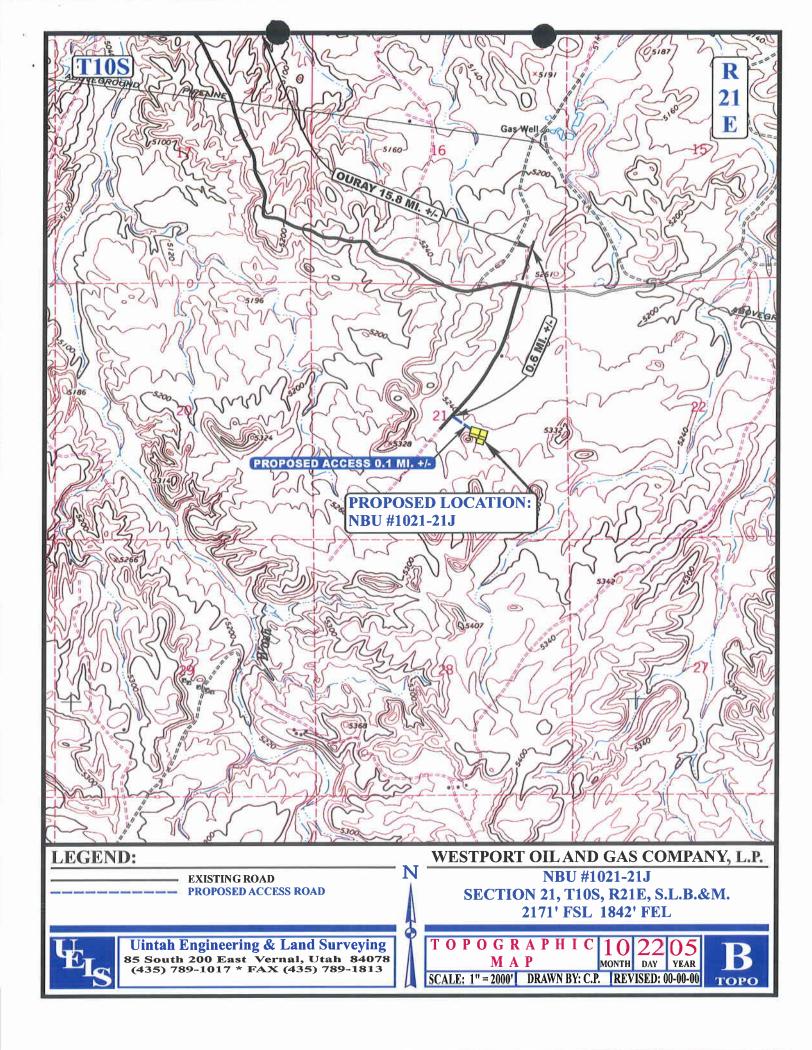
PIPELINE PHOTOS

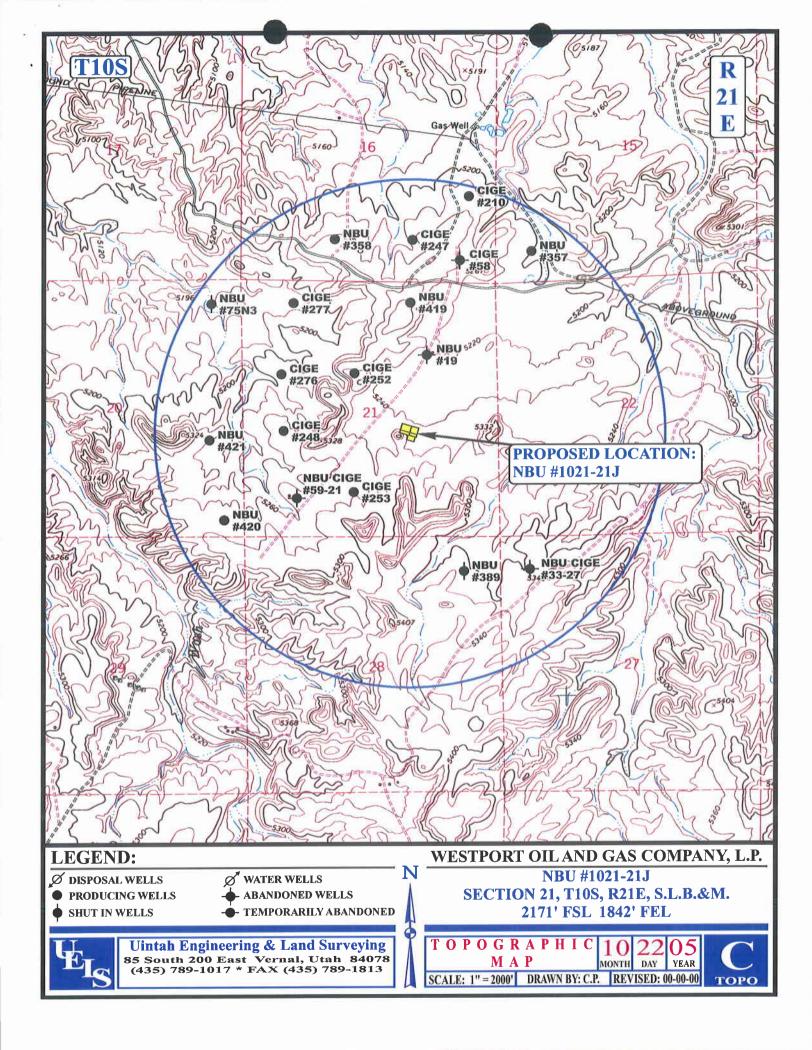
MONTH DAY YEAR

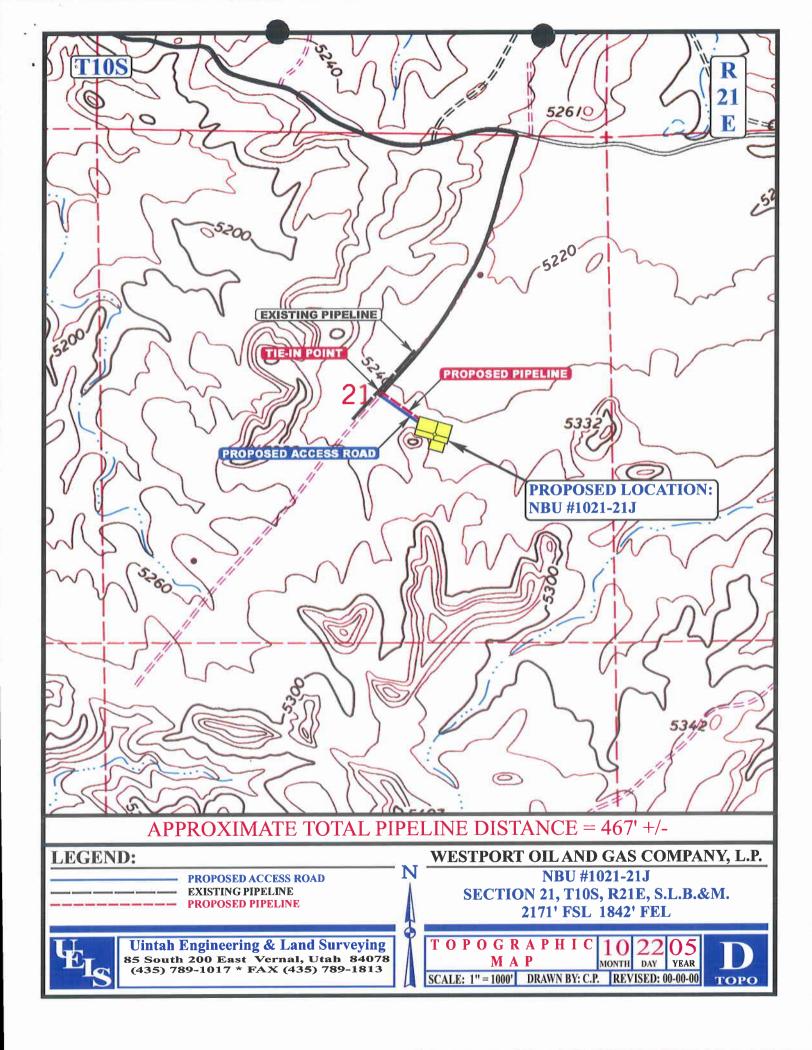
РНОТО

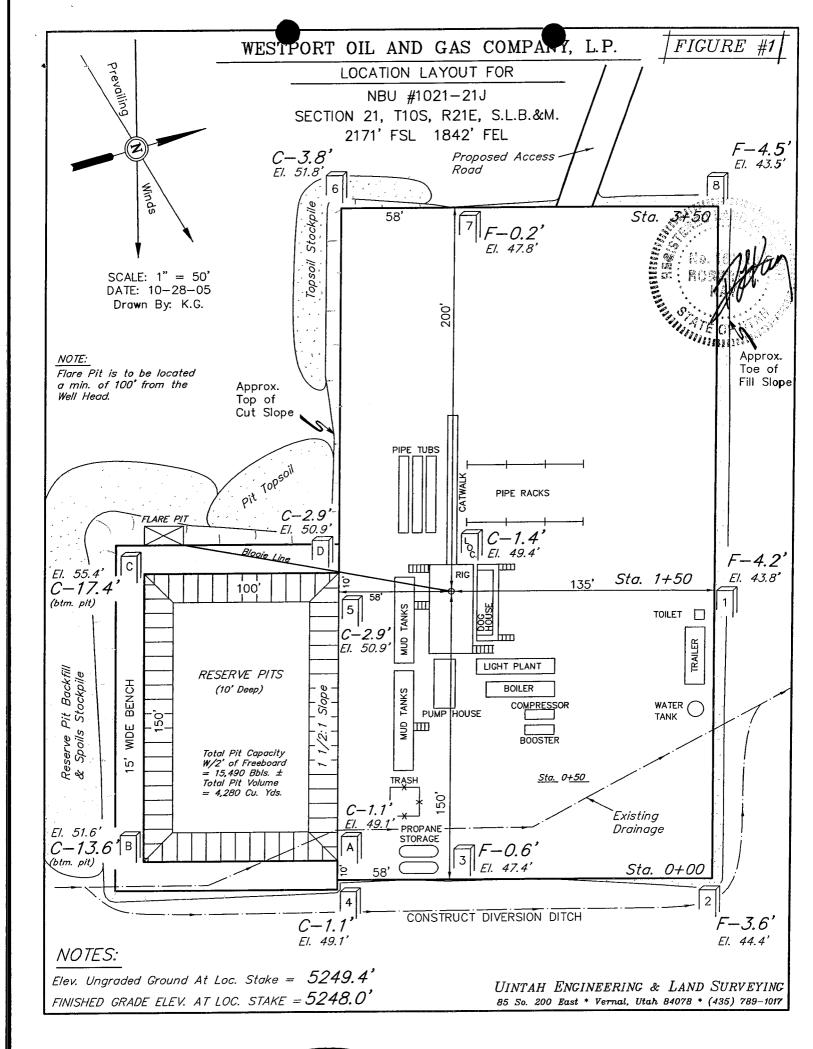
TAKEN BY: D.K. | DRAWN BY: C.P. | REVISED: 00-00-00

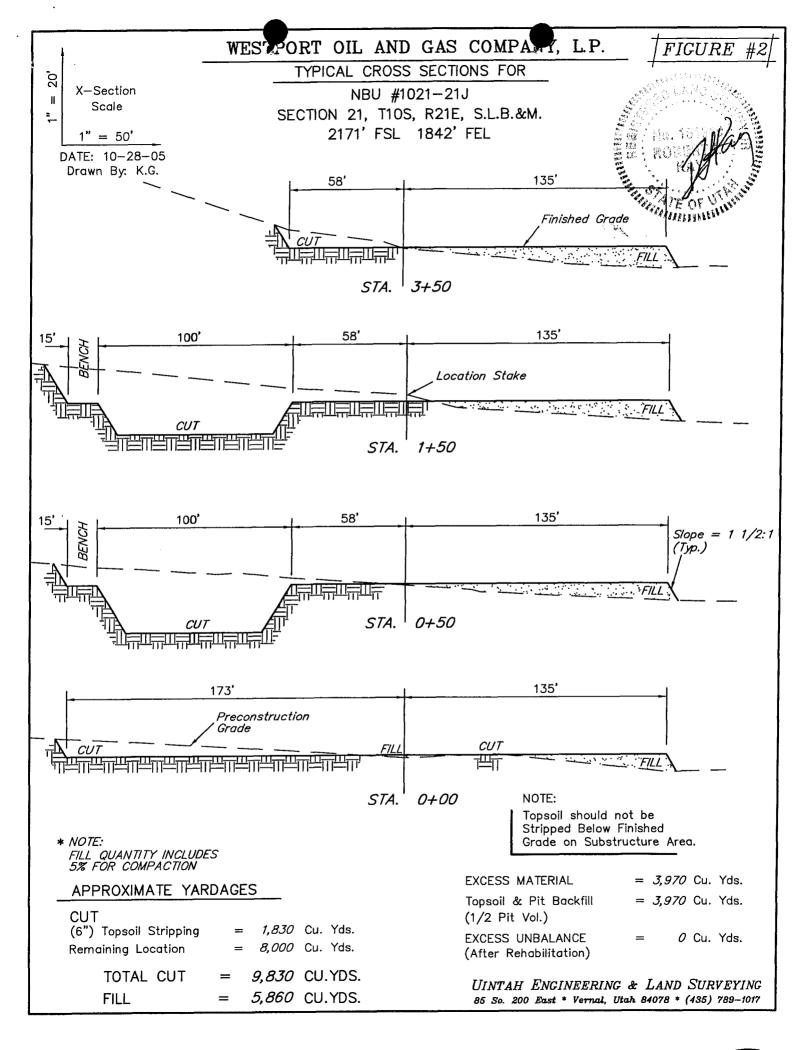




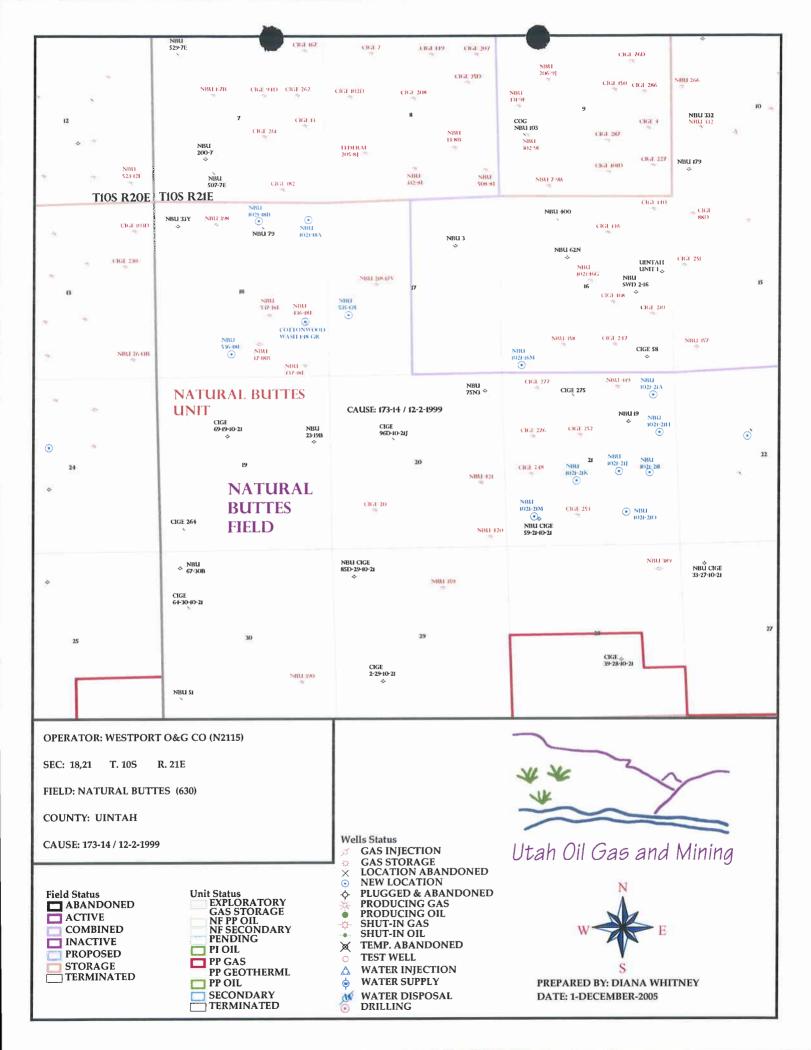








APD RECEIVED: 11/30/2005	API NO. ASSIGNED: 43-047-37436
WELL NAME: NBU 1021-21J OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: DEBRA DOMENICI PROPOSED LOCATION: NWSE 21 100S 210E SURFACE: 2171 FSL 1842 FEL BOTTOM: 2171 FSL 1842 FEL UINTAH NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-02278 SURFACE OWNER: 3 - State	PHONE NUMBER: 435-781-7060 INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 39.93196
PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	LONGITUDE: -109.5532
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. RLB0005238) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) MM Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING:
STIPULATIONS: 1- for LINE Opproved 2- On SHALE	12-20-05)) OF RASIS



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	WESTPORT OIL A	ND GAS	<u>3. </u>			
WELL NAME & NUMBER:	NBU 1021-21J					
API NUMBER:	43-047-37436					
LOCATION: 1/4,1/4 NWSE Sec		<u>1E 2171</u>	l' FSL <u>184</u> 2	2' FEL		
				_		
Geology/Ground Water:						
The federal Government owns the	mineral rights under th	e propos	ed location.	The BLM	will be the agen	ıcy
responsible for evaluating and app	roving the drilling, casi	ing and c	ementing pro	ogram.		-
Reviewer: Brace	Hill D	ate:	12/27/05			
Surface:						
The pre-site investigation of the su						
minerals, and appears to be a good						
stated no concerns with drilling at t						
with drilling on this location. Carr			s of ancient	turtle shell	and stated that a	a paleo
study had been done but the results	had not yet been return	<u>red.</u>				
Reviewer: Richard	l Powell	Date: 12	<u>2/20/2005</u>			

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: WESTPORT OIL AND GAS COMPANY

WELL NAME & NUMBER: NBU 1021-21J

API NUMBER: 43-047-37436

LEASE: UTU-02278 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4,1/4 NWSE Sec: 21 TWP: 10S RNG: 21E 2171' FSL 1842' FEL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): 12T 0623629 4420998 SURFACE OWNER: SITLA.

PARTICIPANTS

Richard Powell and Ted Smith (DOGM), Ben Williams (DWR), Debra Domenici and Carroll Estes (WESTPORT), David Kay and Lucas Kay (UELS), Jim Davis (SITLA)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Area of location is quite flat but does slope slightly north.

Immediately south of this site there is a rocky hill. The general area is typified by scattered hills and valleys exposed rock outcroppings along the ridges. The slopes are fairly gradual. Ouray is approximately 16 miles northwest.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife Grazing.

PROPOSED SURFACE DISTURBANCE: Location as proposed will be 350' by 293'. Proposed new access road 0.1 miles.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): Unlikely.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Portable toilets, sewage holding tanks, and onsite sewage treatment equipment will be handled by commercial contractors and

regulated by the appropriate health authority. Trash will be contained in trash baskets and disposed of at an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: The area of location contains sparse, low growing sagebrush, with some bunch grass, salt brush, rabbit brush and prickly pear. Wildlife found in this area may include: Rodents, Raptors, Coyote, Pronghorn, Bobcat, Prairie Dogs and Rabbits.

SOIL TYPE AND CHARACTERISTICS: Poor, light brown silt soil with fractured shale.

EROSION/SEDIMENTATION/STABILITY: It does not appear that construction will affect erosion or the potential of sediment leaving the site.

PALEONTOLOGICAL POTENTIAL: Center stake marked by S Sandau (IPC) on 10/11/2005. Carroll Estes showed the group pieces of turtle shell found on the hill south of location.

RESERVE PIT

CHARACTERISTICS: 150' by 100' and ten feet deep. Reserve pit to be placed in cut.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Site ranking score is 30.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA

SURFACE AGREEMENT: As per SITLA

CULTURAL RESOURCES/ARCHAEOLOGY: <u>Center Stake marked by Moac K.M. on</u> 9/28/2005.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

RICHARD POWELL
DOGM REPRESENTATIVE

12/20/2005 11:05 AM DATE/TIME

ror Reserve and C	maice Fit miner kequir	Cilicatos
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100 25 to 75	10 15	
<25 or recharge area	20	5
Distance to Surf. Water (feet)	_	
>1000	0 2	
300 to 1000 200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal		
Well (feet)	0	
>5280 1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320 <300	10 20	0
	-•	
Native Soil Type	0	
Low permeability Mod. permeability	0 10	
High permeability	20	20
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid	10 15	
containing significant levels of	13	
hazardous constituents	20	5
Drill Cuttings		
Normal Rock	0	0
Salt or detrimental	10	0
Annual Precipitation (inches)	0	
<10 10 to 20	0 5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50 >50	8 10	0
Presence of Nearby Utility		
Conduits	0	
Not Present Unknown	0 10	
Present	15	0

___30 ___ (Level <u>I Sensitivity</u>)

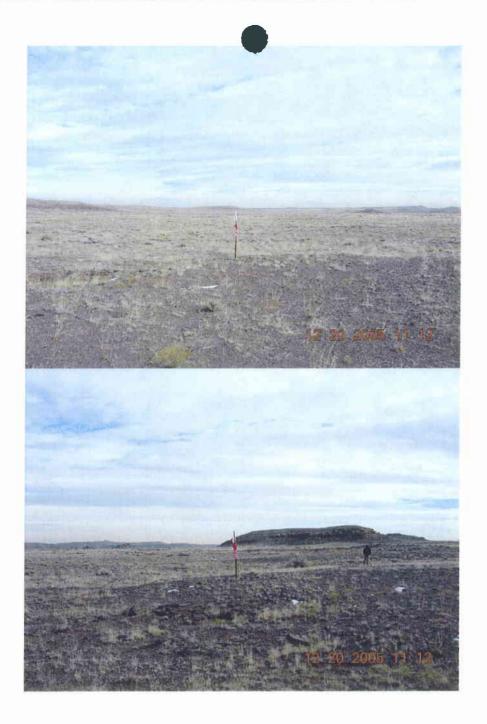
Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

Final Score





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

December 1, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch/MesaVerde)

43-047-37431 NBU 1021-18A Sec 18 T10S R21E 0489 FNL 0599 FEL 43-047-37432 NBU 1021-18B Sec 18 T10S R21E 0544 FNL 2094 FEL 43-047-37433 NBU 1021-21M Sec 21 T10S R21E 0839 FSL 0834 FWL 43-047-37434 NBU 1021-21O Sec 21 T10S R21E 0901 FSL 1640 FEL 43-047-37435 NBU 1021-21I Sec 21 T10S R21E 2121 FSL 0920 FEL 43-047-37436 NBU 1021-21J Sec 21 T10S R21E 2171 FSL 1842 FEL 43-047-37437 NBU 1021-21K Sec 21 T10S R21E 1914 FSL 2150 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc

File – Natural Buttes Unit Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron From:

Ed Bonner

To:

Whitney, Diana

Date:

1/10/2006 9:55:42 AM

Subject:

Re: Wells clearance

Diana,

Please be advised that the following wells are SITLA surface, Federal mineral and will require clearence from Kurt Higgins:

```
Westport O&G Co
                 NBU 1021-18A
Westport O&G Co
                 NBU 1021-18B
Westport O&G Co
                 NBU 1021-21M
Westport O&G Co
                      NBU 1021-210
Westport O&G Co
                 NBU 1021-211
Westport O&G Co
                 NBU 1021-21J
Westport O&G Co
                 NBU 1021-21K
Westport O&G Co
                 Hatch 923-13C
```

Thanks, Ed

>>> Diana Whitney 12/27/05 11:36 AM >>>

Hi Ed,

Do you have a wells clearance for the following wells

```
Sent to Sitla on
Westport O&G Co
                      NBU 1021-18A
                                            12/1/2005
Westport O&G Co
                     NBU 1021-18B
                                            12/1/2005
Westport O&G Co
                     NBU 1021-21M
                                                   12/1/2005
Westport O&G Co
                     NBU 1021-210
                                                   12/1/2005
Westport O&G Co
                     NBU 1021-211
                                            12/1/2005
                     NBU 1021-21J
Westport O&G Co
                                            12/1/2005
                      NBU 1021-21K
Westport O&G Co
                                            12/1/2005
Houston Expl Co
                             N Horseshoe 7-16-6-21
                                                           12/1/2005
                             N Horseshoe 9-16-6-21
                                                           12/1/2005
Houston Expl Co
                             N Horseshoe 15-16-6-21
                                                           12/1/2005
Houston Expl Co
                             N Horseshoe 11-16-6-21
                                                           12/1/2005
Houston Expl Co
                             N Horseshoe 1-16-6-21
                                                           12/1/2005
Houston Expl Co
                             N Walker Hollow 11-36-6-23 12/7/2005
Houston Expl Co
Houston Expl Co
                             N Walker Hollow 13-36-6-23 12/7/2005
                             N Walker Hollow 15-36-6-23 12/7/2005
Houston Expl Co
                      State 6-2-14-22
                                                   10/31/2005
Summit Oper LLC
                      State 2-2-14-22
                                                   10/31/2005
Summit Oper LLC
                                            10/31/2005
Gasco Production Co
                     Uteland St 43-2-10-18
Gasco Production Co
                      Uteland St 23-2-10-18
                                            10/31/2005
                     Little Boy 1
                                            11/9/2005
Colorado-Utah Natural
                                            11/9/2005
                     Little Boy 2
Colorado-Utah Natural
Houston Expl Co
                             N Horseshoe 3-16-6-21 11/18/2005
Summit Oper LLC
                      State 4-2-14-22
                                                   10/20/2005
                      State 13-2-14-22
                                            10/20/2005
Summit Oper LLC
                      State 9-16-10-18
                                            10/3/2005
Pendragon Enery
                     NBU 1022-19J
                                            10/3/2005
Westport O&G Co
```



State of Utah

Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > January 12, 2006

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, UT 84078

Natural Buttes Unit 1021-21J Well, 2171' FSL, 1842' FEL, NW SE, Sec. 21, Re: T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37436.

Sincerely,

Gil Hunt

Associate Director

Wil & I

pab **Enclosures**

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, LP			
Well Name & Number	Natural Buttes Unit 1021-21J			
API Number:	43-047-37436			
Lease:	UTU-02278			
Location: <u>NW SE</u>	Sec. 21	T. 10 South	R. 21 East	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Form 3160-3 (August 1999)

OMB No. 1004-0136 Expires November 30, 2000

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

5. Lease Serial No.

FORM APPROVED

210	6. If	Indian,	Allottee	or Tribe	Name

APPLICATION FOR PERMIT TO DRILL OR REENTER					ttee or Tribe N	lame
la. Type of Work: X DRILL REENTER			7. If Unit or CA	Agreement, N	ame and No.	
_				NATU	RAL BUT	TES
h Tura af Wall. Di Oli Will. Ed Oli Will. Di Oli	·		l	8. Lease Name ar	d Well No.	
b. Type of Well: Oil Well Gas Well Other		Single Zone X	Multiple Zone	 	U 1021-21.	J
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.				9. API Well No.	0.45 05 40 4	
3A. Address	3h Phone N	lo. (include area co	oda)		047-37436	
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	Jo. Thone is	(435) 781-1	•	10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Report location clearly and in accordance with	h any State red			11. Sec., T., R., M		
At surface NWSE 2171' FSL 1842' FEL				1	1-T10S-R2	•
At proposed prod. Zone	·	· -				
14. Distance in miles and direction from nearest town or post office	*			12. County or Pari		3. State
16.5 MILES SOUTHEAST OF OURAY, UTAH 15. Distance from proposed *	116 31- 6		117.0	UINTAI	I	UT
location to nearest property or lease line, ft. 1842'	10. No. 01 A	cres in lease	17. Spacing Unit de	dicated to this well		
(Also to nearest drig. unit line, if any)		1440		40		
18. Distance from proposed location* to nearest well, drilling, completed, REFER TO	19. Propose		20. BLM/BIA Bond	No. on file		······································
applied for, on this lease, ft. TOPO C	9	9300'		CO-1203		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approxi	mate date work wi		23. Estimated dura	tion	
5249.4' GL		UPON APPRO	DVAL	TO BE I	DETERMIN	VED
		ttachments				
The following, completed in accordance with the requirements of On-	shore Oil and	Gas Order No. 1, s	hall be attached to this	form:		
1. Well plat certified by a registered surveyor.	1	4. Bond to cov	ver the operations unl	ess covered by an ex	isting bond or	file (see
2. A Drilling Plan.		Item 20 abo	ove).		-	·
3. A Surface Use Plan (if the location is on National Forest System L	ands, the	Operator cer	tification.			_
SUPO shall be filed with the appropriate Forest Service Office.	ļ	6. Such other s	ite specific information	n and/or plans as may	be required b	y the
]	authorized o	ffice.		·	
25. Signature	Nam	e (Printed/Typed)			Date	
Della Doninuce	! !	DE	BRA DOMENIC	I	2/16	/2006
Title						
ASSOCIA		RONMENTAL	ANALYST			
Approved by (signature)	' Nam	e (Printed/Typed)			Date /	1000
Title	'Office				05/17	12000
Wineral Resources	ļ	•			, ,	
Application approval does not warrant or certify that the applicant hol	ds legal or equ	itable title to those	e rights in the subject l	ease which would en	title the applic	ant to conduct
operations thereon.	CON	DITION	S OF AP	PROVAIL	ATTA	MHET

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY



MAR 2 4 2006





First Production Notice

(Notify Petroleum Engineer)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Westport Oil & Gas Co. Location: NWSE, Sec 21, T10S, R21E

Well No: NBU 1021-21J Lease No: UTU-02278

API No: 43-047-37435 Agreement: Natural Buttes WS MV

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After Hours Contact Number: 435	-781-4513	Fax: 435-781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Holly Villa)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Holly Villa)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to initiating pressure tests.

days.

Within Five (5) business days after new well begins or production

resumes after well has been off production for more than ninety (90)

COAs: Page 2 of 6 Well: NBU 1021-21J

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Adhere to the Conditions of Approval attached to the APD Approval from the State of Utah Division of Oil, Gas, & Mining for state surface.

COAs: Page 3 of 6 Well: NBU 1021-21J

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- 6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior

COAs: Page 4 of 6 Well: NBU 1021-21J

approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).

- 9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
 - All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- 10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future

COAs: Page 5 of 6 Well: NBU 1021-21J

meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day

COAs: Page 6 of 6 Well: NBU 1021-21J

period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:	1/6/2006							
FROM: (Old Operator):	TO: (New O	erator):						
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP				
1368 South 1200 East	1368 S	outh 1200	East					
Vernal, UT 84078	Vernal	, UT 84078	3					
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024						
CA No.	Unit:	N	NATURAL BUTTES UNIT					
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL			
l 9,		NO	TYPE	TYPE	STATUS			
OPERATOR CHANGES DOCUMENTATION								
Enter date after each listed item is completed								
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5				
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5				
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006			
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81				
4b. If NO , the operator was contacted contacted on:	_			_				
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE							
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred			
5c. Reports current for Production/Disposition & Sundries on:	ok	•						
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,			
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet			
7. Federal and Indian Units:								
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006					
8. Federal and Indian Communization Agreements ("	CA"):							
The BLM or BIA has approved the operator for all wells listed w			n/a					
	ivision has appro		-	isfer of A	uthority to			
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:					
DATA ENTRY:								
1. Changes entered in the Oil and Gas Database on:	5/15/2006							
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	_				
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on:	5/15/2006	-						
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS on:	5/16/2006	-						
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only				
BOND VERIFICATION:								
Federal well(s) covered by Bond Number:	CO1203							
2. Indian well(s) covered by Bond Number:	RLB0005239	-						
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36				
a. The FORMER operator has requested a release of liability from the	•	n/a	rider adde					
The Division sent response by letter on:			_					
LEASE INTEREST OWNER NOTIFICATION:		-						
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division				
of their responsibility to notify all interest owners of this change on		5/16/2006						
COMMENTS:								

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

_ 			/A 1 A		5. Lease Serial No.		
	NOTICES AND REPORTS		MULTIPLE LEASES				
Do not use this abandoned well.	form for proposals to Use Form 3160-3 (APD)	7 i.	6. If Indian, Allottee or Tribe Name				
SUBMIT IN TRIPL	ICATE – Other instruc	7. If Unit or CA/Agreement, Name and/or No.					
I. Type of Well							
Oil Well X Gas Well	8. Well Name and No.						
2. Name of Operator		•			MUTIPLE WELL	S	
KERR-McGEE OIL & GAS C					9. API Well No.		
3a. Address			Phone No. (include	L			
4. Location of Well (Footage, Sec.,			781-7024		10. Field and Pool, or Explo	oratory Area	
4. Location of Well (Fundinge, Sec.,	1., K., M., or Survey Description)].	11 0		
SEE ATTACHED					11. County or Parish, State		
					UINTAH COUNTY, L	JTAH	
	ROPRIATE BOX(ES) TO IN	DICA	ATE NATURE C	OF NOTICE, RE	EPORT, OR OTHER DAT	ГА	
TYPE OF SUBMISSION			TYP	E OF ACTION			
Notice of Intent	Acidize [D	еереп	Production (Start/Resume) Water S	Shut-Off	
Subsequent Report	Alter Casing	=	acture Treat	Reclamation		* ·	
Subsequent Report	Casing Repair Change Plans	=	ew Construction ug and Abandon	Recomplete		CHANGE OF	
Final Abandonment Notice	Convert to Injection		ug and Abandon ug Back	∏ Temporarily Water Dispose		ATOR	
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin-	operations. If the operation results bandonment Notices shall be filed	ınan	multiple completion :	or recompletion in	a new interval a Form 2160 4	aball ba Cl_ 4	
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAC KERR-McGEE OIL & GAS C	CHED WELL LOCATION	18. 1	EFFECTIVE J	ANUARY 6, 2	2006.	RECEIVED	
OF THE LEASE(S) FOR THE	E OPERATIONS COND	UCT	ED UPON I F	ASE LANDS	ROND COVERAGE	MAY 1 0 2006	
IS PROVIDED BY STATE O	F UTAH NATIONWIDE I	BON	ID NO. RLB00	05237.	ם באינוסט פיוסט. ת	IV OF OIL GAS & MINING	
	ONO = C0/203		AP:	PROVEL	51/6/06	IV. OF OIL, GAS & MININO	
BIA B	OND = RLB 000	50	239 (arlene,	Russell		
14. I hereby certify that the foregoing	g is true and correct		Divis	lon of Oll, C	as and Mining		
Name (Printed/Typed)		Tit			ingineering Technicia	u .	
RANDY BAYNE		 	RILLING MANA	AGER			
Kanky Sayne		Da Ma	y 9, 2006				
	THIS SPACE F	OR F	EDERAL OR ST	ATE USE			
Approved by			Title		Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	table title to those rights in the subject	rant or t lease	Office	248.4			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

abandoned well.	6. If Indian, Allottee or Tribe	Varne			
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, N	ame and/or No.			
I. Type of Well					
Oil Well X Gas Well	8. Well Name and No.				
2. Name of Operator				MUTIPLE WELLS	
WESTPORT OIL & GAS CO	MPANY L.P.			9. API Well No.	
3a. Address		3b. Phone No.	include area code)		
1368 SOUTH 1200 EAST V		(435) 781-70	24	10. Field and Pool, or Explorato	ry Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			
055 47740450				11. County or Parish, State	
SEE ATTACHED				UINTAH COUNTY, UTA	н
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NAT	URE OF NOTICE	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACT	ION	
Notice of Intent	Acidize	Deepen	Produc	tion (Start/Resume)	Off
_	Alter Casing	Fracture Trea	_	· · · · · · · · · · · · · · · · · · ·	
X Subsequent Report	Casing Repair	New Construe		plete 👿 Other CHA	•
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba	= '	rarily Abandon OPERATO	R
13. Describe Proposed or Completed Oper	· – ·	Plug Back		Disposal	
ronowing completion of the involved	perations. If the operation result bandonment Notices shall be filed at inspection. DO6, WESTPORT OIL & THE ATTACHED WELL	is in a multiple com I only after all requ GGAS COMPA LOCATIONS	pletion or recompleti rements, including r ANY L.P., HAS TO KERR-Mc	GEE OIL & GAS	1 L. CI_1
	APPR	OVED 3	5/6/06	RECEI	√ED
	$\mathcal{L}a$	rlove Ri	issell		
	Division	of Oil, Gas an	d Mining	MAY 1 0	2006
	Eariene F	cussell, Engine	ering Technic	lan DIV OF OU OAS	0. ******
14. I hereby certify that the foregoing	s is true and correct			DIV OF OIL GAS	* MINING
Name (Printed/Typed)		Title			
BRAD LANEY Signature			ING SPECIAL	IST	
orginature .		Date May 9, 2006	3		-
	THIS SPACE	FOR FEDERAL			
Approved by		Title		Date	
Olack January				5-9-06	
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	able title to those rights in the subje	arrant or Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and willfull matter within its ju	y to make to any durisdiction.	lepartment or agency of the United S	lates any



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

CC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

Form 3 160-5 (August 1999)		UNI, STATI				FORM APPROVED OMB No. 1004-0135
(g.,		PARTMENT OF THE				lixpires Inovember 30, 2000
	BUF	EAU OF LAND MAN	IAGEMI	ENT		5. Lease Serial No.
		NOTICES AND REPO				UTU-02278
Do abi	not use this andoned well.	s form for proposals Use Form 3160-3 (Al	to drill PD) for s	or reenter an such proposals.		6. If Indian, Allottee or Tribe Name
SUBI	MIT IN TRIPL	JCATE – Other inst	truction	s on reverse	side	7. If Unit or CA/Agreement, Name and/or No.
						UNIT #891008900A
1. Type of Well	Ø • ··· ·	m				NATURAL BUTTES UNIT
Oil Well 2. Name of Open	Qas Well	☐ Other				8. Well Name and No.
						NBU 1021-21J
	OIL & GAS	ONSHORE LP				9. API Well No.
3a. Address				Phone No. (include	· ·	4304737436
1308 SUUTH	1200 EAST \	ERNAL, UT 84078		781-7024		10. Field and Pool, or Exploratory Area
		T., R., M., or Survey Descrip				NATURAL BUTTES
NIMOE DEO A	<u>.</u> 	E 2301'FSL, 18 73FE				11. County or Parish, State
IVVVSE SEC. \$	1, 110S, R21	E 23011-SL, 18 73 -E	:L			UINTAH COUNTY, UTAH
1	2. CHECK APP	ROPRIATE BOX(ES) TO	O INDIC	ATE NATURE OF	NOTICE RE	PORT, OR OTHER DATA
TYPE OF SU					OF ACTION	
Notice of laten					7	A
140tice of titlet	L	Acidize Alter Casing	=	eepen [acture Treat [Reclamation (Start/Resume) Water Shut-Off Well Integrity
Subsequent Rep	port	Casing Repair		w Construction	Recomplete	Other DOGM APD
	•	Change Plans	=	ug and Abandon	Temporarily	
Pinal Abandon:	ment Notice	Convert to Injection	_==	ug Back	Water Dispo	sal
Attach the Bond un following completion	o deepen directions nder which the wor on of the involved o mpleted. Final Ab	lly or recomplete horizontally, k will be performed or provid operations. If the operation re- andomnent Notices shall be fi	give subsu e the Bond sults in a n	rface locations and m No. on file with BL: nultiple completion or	easured and true M/BIA. Require recompletion in	proposed work and approximate duration thereof, vertical depths of all pertinent markers and zones, d subsequent reports shall be filed within 30 days a new interval, a Form 3160-4 shall be filed once ation, have been completed, and the operator has
THE OPERATO						
						FOR THE SUBJECT
WELL LOCATION	ON. SO THAT	THE DRILLING OP	ERATIC	NS MAY BE C	OMPLETE). THE ORIGINAL
APD WAS APPI	KONED BA 1	HE DIVISION OF OI	L, GAS	AND MINING I	DEPARTME	NY ON JANDARY
12, 2006.					Oli Oli	, Gas and Mining
			111-	N-3	OII	, Gas and many
			1-11	Rm		
				•	Date:	DI-10-0701)
					Sais	S () () ()
14. Thereby cortify t	hat the foregoing	is true and correct			- By:	
Name (Bringed/1)			Titi	e	7	C Klar
SHIZILALUPC	HERO /		SE	VIOR LAND A	MIN SPEC	IALIST
Signatur	1. Mr.	Illian	Dat	е uary 9, 2007	· · · · · · · · · · · · · · · · · · ·	
1 final	ve-ju	// THIS SPAC		EDERAL OR STA	TE USE	
Approved by				Title		Date
·	•========					
Conditions of approval, if certify that the applicant to which would entitle the ap	nolds legal or equita	Approval of this notice does not obe title to those rights in the superations thereon.	warrant or bject lease	Office		
Title 18 U.S.C. Secti	on 100], make it	a crime for any person kn	owingly a	nd willfully to mak	e to any depart	ment or agency of the United States any
talse, fictitious or fra	udulent statement	or representations as to an	v matter v	vithin its invisdiction	n	

(Instructions on reverse)

RECEIVED
JAN 1 0 2007

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304737436 Well Name: NBU 1021-21J Leastion: NW/SE SEC 21 T105 P21E
Location: NWSE, SEC 21-T10S-R21E Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP Date Original Permit Issued: 1/12/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No □
Signature Date
Title: REGULATORY CLERK
Representing: Kerr McGee Oil and Gas Onshore LP DEC 2 6 2006

which would entitle the applicant to conduct operations thereon.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

Lease	Serial	No.

UTU-02278	ι	JΤ	U	I-()2	2	7	٤
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OUNDIN		0 0.1 11222			
	is form for proposals to II. Use Form 3160-3 (APD			6. If Indian, A	Allottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ictons of rever	s side		CA/Agreement, Name and/or No. BUTTES UNIT
1. Type of Well		FEB 13	2007	0 17/ 11 27	
Oil Well Gas Well 2. Name of Operator	Other	LED 13	2007	8. Well Name NBU 1021-	•
KERR McGEE OIL AND GAS	ONSHORE LP	RIMVEDNIA	LITAU	9. API Well 1	
3a. Address		3b. Phone No. (Inchus	1	430473743	6
1368 SOUTH 1200 EAST VER	RNAL, UT 84078	435-781-7003		1	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)			NATURAL	
2171' FSL 1842' FEL NWSE, SEC 21-T10S-R21E				11. County or	Parish, State
NVV3E, 3EG 21-1103-R21E				UINTAH, U	TAH
12. CHECK A	APPROPRIATE BOX(ES) TO	O INDICATE NATURI	E OF NOTICE, R	EPORT, OR O	THER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION	1	
Notice of Intent	Acidize	Deepen	Production	(Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclamation		Well Integrity (X) Other APD EXTENSION
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplet	e ly Abandon	Other APD EXTENSION
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	-	
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin	ally or recomplete horizontally, gork will be performed or provide operations. If the operation resubandonment Notices shall be file all inspection.	ive subsurface locations a the Bond No. on file wit alts in a multiple complet ed only after all requirem	nd measured and tr h BLM/BIA. Requion or recompletion ents, including recl	ue vertical depths aired subsequent r in a new interval amation, have be	of all pertinent markers and zones. eports shall be filed within 30 days a Form 3160-4 shall be filed once en completed, and the operator has
THE OPERATOR REQUESTS LOCATION SO THAT THE DR	RILLING OPERATIONS	MAY BE COMPLE	TED. THE ORI		
APPROVED BY THE BUREAU	J OF LAND MANAGEMI	ENT ON MARCH 1	7, 2006.		RECEIVED
					MAR 1 9 2007
					DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is t	true and correct				
Name (Printed/Typed) RAMEY	HOPPES	Title	REGU	JLATORY CL	.ERK
Signature Kamely	Topex	Date		URARY 8, 20	JU /
	THIS SPA	CE FOR FEDERAL OR			
Approved by	<u> </u>	– Petrolei	ım Engir	1eer ^{Date}	FEB 2 6 2007
Conditions of approval, if any, are attacked	Approval of this notice does not itable title to those rights in the su				

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

4304737436

API:

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: NBU 1021-21J Location: NWSE, SEC 21-T10S-R21E Company Permit Issued to: KERR MCGEE 0 Date Original Permit Issued: 3/17/2006	OIL AND GAS ONSHORE LP								
The undersigned as owner with legal rights to above, hereby verifies that the information as approved application to drill, remains valid and	submitted in the previously								
Following is a checklist of some items related verified.	to the application, which should be								
If located on private land, has the ownership c agreement been updated? Yes⊡No <i>⊡</i>	hanged, if so, has the surface								
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑									
Has there been any unit or other agreements permitting or operation of this proposed well?									
Have there been any changes to the access roof-way, which could affect the proposed location									
Has the approved source of water for drilling c	hanged? Yes□No☑								
Have there been any physical changes to the swhich will require a change in plans from what evaluation? Yes□No☑	surface location or access route was discussed at the onsite								
ls bonding still in place, which covers this prop	osed well? Yes ☑ No □								
Ramer Horses	2/8/2007								
Signature	Date								
Title: Regulatory Clerk									
Representing: Kerr McGee Oil & Gas Onshore LP									

CONDITIONS OF APPROVAL

Kerr McGee Oil and Gas Onshore LP.

Notice of Intent APD Extension

Lease:

UTU-02278

Well:

NBU 1021-21J

Location:

NWSE Sec 21-T10S-R21E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 3/17/08.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Kerr-McGee O	il & Gas Onshore LP
Well Name: NBU 1021-21J	
API No: 43-047-37436	Lease Type: Federal/State
Section 21 Township 10S Ra	ange 21E County Uintah
Drilling Contractor Pete Martin	Rig #_Bucket
SPUDDED:	
Date <u>4-30-07</u>	
Time <u>11:00 AM</u>	
How_Dry	
Drilling will Commence:	
Reported by Lou Weldon	
Telephone #_435-828-7035	
Date 5-1-07	Signed RM

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

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_					_	_			_	-		_	_			

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address:

1368 SOUTH 1200 EAST

city VERNAL

state UT zip 84078

Phone Number: (435) 781-7024

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304737436	NBU 1021-21J		NWSE	21	108	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		y Assignment ective Date
В	99999	2900	4	/30/200	7	5	110/07

Comments:

MIRU PETE MARTIN BUCKET RIG SPUD WELL LOCATION ON 04/30/2007 AT 1100 HRS.

WSMVO

Wall 2

API Number	Well	Well Name		Sec	Twp	Rng	County
4304737180	NBU 1022-35J		NWSE	35	105	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignmen Effective Date		
В	99999	2900	5/1/2007		5/10/07		
	U ROCKY MTN BUCKET JD WELL LOCATION ON	TRIG. WS71		****		<u> </u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>

Well 3

API Number	Well Name		QQ Sec Twp			Rng County		
Action Code	Current Entity Number	New Entity Number	S	Spud Date			ty Assignment fective Date	
omments:		···						

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to enother existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

(5/2000) Co./Do

SHEILA UPCHEGO

SENIOR LAND SPECIALIST 5/2/2007

RECEIVED

MAY 0 2 2007

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No.

LINIT #891008900A

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

7. If Unit or CA/Agreement, Name and/or No.

Type of Well				NATURAL	BUTTES UNIT
Oil Well X Gas Well Name of Operator	Other			8. Well Name NBU 102	
KERR-McGEE OIL & GAS ONS	SHORE LP	3b. Phone No. (include	area code)	9. API Well N 430473743	
1368 SOUTH 1200 EAST VER	SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024			10. Field and Pool, or Exploratory Area NATURAL BUTTES	
4. Location of Well (Footage, Sec., T., R. 3 NWSE SEC. 81, T10S, R21E 2	301'FSL, 1823'FEL			11. County or I	Parish, State
12. CHECK AI	PPROPRIATE BOX(ES) TO	O INDICATE NATURE (OF NOTICE, RI	EPORT, OR OTH	IER DATA
TYPE OF SUBMISSION		TY	PE OF ACTIO	N	,
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamati		Water Shut-Off Well Integrity X Other WELL SPUD
Subsequent Report	Casing Repair Change Plans Convert to Injection	New Construction Plug and Abandon Plug Back	Recomple Temporar Water Dis	ily Abandon	Other WELL SPOD

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 04/30/2007 AT 1100 HRS.

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

determined that the site is ready for final inspection.

RECEIVED
MAY 0 / 2007

				_DIV.OF OIL, GAS & MINING	
14. I hereby certify that the foregoing is true and correct					
Name (Printed/Typed) SHELLA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST				
Mille Mille	Date May	2, 2007			
THIS SI	PACE FOR FE	DERAL OR STATE	USE		
Approved by		Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does certify that the applicant holds legal or equitable title to those rights in the which would entitle the applicant to conduct operations thereon.	e subject lease	Office			
Title 18 U.S.C. Section 1001, make it a crime for any person	knowingly ar	nd willfully to mak	e to any department or ager	icy of the United States any	

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

Lease Serial No.

UTU-02278

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this abandoned well.	form for proposals to Use Form 3160-3 (APD)	drill or reenter a for such proposals	n 5.	6. If Indian, A	llottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ctions on reverse	side	UNIT# 8910	
1. Type of Well Oil Well X Gas Well	Other			NATURAL 8. Well Name	
2. Name of Operator				NBU 1021-	
KERR McGEE OIL AND GA	IS ONSHORE LP	•		9. API Well N	
3a. Address 3b. Phone No. (include area code)				400473617	5 43()47 <u>3 1436</u>
1368 SOUTH 1200 EAST VERNAL, UT 84078 435-781-7003					ool, or Exploratory Area
4. Location of Well (Footage, Sec., T)		NATURAL	BUTTES
2301' FSL 1823' FEL				11. County or I	Parish, State
NWSE, SEC 21-T10S-R21E	E, SLB & M			UINTAH, U	Т
12. CHECK APP	ROPRIATE BOX(ES) TO I	INDICATE NATURE	OF NOTICE, F	REPORT, OR O	THER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	1	
Notice of IntentX Subsequent Report☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recomplet Temporari Water Dis	e ly Abandon posal	Water Shut-Off Well Integrity Other SET SURF CSG
13. Describe Proposed or Completed Ope	rations (clearly state all pertinent	details, including estimate	d starting date of	any proposed work ne vertical depths	and approximate duration thereof. of all pertinent markers and zones.

If the proposal is to deepen directionally or recomplete horizontally, give subsurt Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL JR'S RATHOLE DRILLING ON 5/8/07. DRILLED 12 1/4" SURFACE HOLE TO 2060'. RAN 9 5/8" H-40 32.30#. TAILED CMT W/200 SX PREM CLASS G @ 15.8 PPG 1.15 YIELD. TOP OUT W/100 SKS CLASS G @ 15.8 PPG 1.15 YIELD. GOOD CMT TO SURFACE AND STAYED AT SURFACE. WORT.

> RECEIVED MAY 2 9 2007

		DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	•	
Name (Printed/Typed) RAMEY HOOPES		ECIALIST I
Signature Date		4, 2007
THIS SPACE FOR FI	EDERAL OR STATE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those nights in the subject lease which would entitle the applicant to conduct operations thereon.		
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly a false, fictitious or fraudulent statements or representations as to any matter of the statements of the statement of the statements of the statement of the state	nd willfully to make to any departm within its jurisdiction.	ent or agency of the United States any

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

UTU-02278 6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

abandoned well.	Use Form 3160-3 (APD)	for such proposals.			
	CATE – Other instru		side	UNIT #89100	Agreement, Name and/or No. 08900A UTTES UNIT
1. Type of Well Oil Well Sas Well 2. Name of Operator KERR-McGEE OIL & GAS ON	Other SHORE LP	3b. Phone No. (include	area code)	8. Well Name a NBU 1021 9. API Well No 4304737436	nd No. - 21J
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			,	10. Field and Pool, or Exploratory Area NATURAL BUTTES	
NWSE SEC. 31, T10S, R21E 2	2301'FSL, 1823'FEL		an vomer. De	<u> </u>	UNTY, UTAH
12. CHECK A	APPROPRIATE BOX(ES) TO				
TYPE OF SUBMISSION		TY	PE OF ACTION	<u> </u>	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Reclamation Recomplet Temporari	te ly Abandon	Water Shut-Off Well Integrity Other FINAL DRILLING OPERATIONS
Final Abandonment Notice 13. Describe Proposed or Completed Ope	Convert to Injection	Plug Back	Water Dis	f any proposed work	and approximate duration thereof.
13. Describe Proposed or Completed Ope	ally or recomplete horizontally,	, give subsurface locations ar	nd measured and t	nie venicai depuis	posts shall be filed within 30 days

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2060' TO 9350' ON 05/27/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/323 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1267 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DISPLACE W/144.3 BBL H2O W/MAGNICIDE BUMP PLUG FLOATS HOLDING. DRAIN & FLUSH STACK HANG CSG W55,000# TEST HANGER OK R/D CMT EQUIP REMOVE LANDING JT. RUNNING TOOL CLEAN PITS.

RELEASED PIONEER RIG 41 ON 05/28/2007 AT 0200 HRS.



			BING OF THE THE WARRING
14. I hereby certify that the foregoing is true and correct			
Name (Printed/Typed)	Title SENI	OR LAND ADMIN S	PECIALIST
SHEILA UPCHEGO	Date		
	Мау	29, 2007	
THIS SP.	ACF FOR FE	DERAL OR STATE USE	
V Milosi.		Title	Date
Approved by		11110	
	of warrant or	Office	
Conditions of approval, if any, are attached. Approval of this notice does neertify that the applicant holds legal or equitable title to those rights in the	subject lease		
which would entitle the applicant to conduct operations thereon.		: 110 11 las to 0	my department or agency of the United States any
to the state of th	knowingly ar	nd willfully to make to a	my department of agency of the

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

5. Lease Serial No.

J	T	U	-{)2	2	7	8	

☐ Temporarily Abandon

Water Disposal

abandoned well. l	Use Form 3160-3 (AP	D) for such proposals.			
SUBMIT IN TRIPLIC	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A				
1. Type of Well Oil Well Gas Well Other 2. Name of Operator					BUTTES UNIT and No. 11-21J
KERR-McGEE OIL & GAS ONSI	HORE LP			9. API Well i	No.
3a. Address		3b. Phone No. (include are	ea code)	430473743	36
1368 SOUTH 1200 EAST VERN	VAL, UT 84078	(435) 781-7024			Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R.,	M., or Survey Description)			NATURAL	BUTTES
NWSE SEC. 31, T10S, R21E 23	01'FSL, 1823'FEL			11. County or UINTAH C	Parish, State OUNTY, UTAH
12 CHECK AD	DDODDIATE DOV(ES)	TO INDICATE NATURE OF	NOTICE R	EPORT, OR OT	HER DATA
12. CHECK API	PROPRIATE BOX(ES)				
TYPE OF SUBMISSION		TYPI	E OF ACTIC	DN	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production	on (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomple		Other PRODUCTION START-UP

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Plug Back

Plug and Abandon

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 06/22/2007 AT 10:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

Change Plans

Convert to Injection

RECEIVED JUL 0 2 2007

DIV. OF OIL, GAS & MINING

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN	SPECIALIST
Manual Ma	Date June 26, 2007	
THIS SPACE	E FOR FEDERAL OR STATE U	SE
approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not vertify that the applicant holds legal or equitable title to those rights in the subwhich would entitle the applicant to conduct operations thereon.	warrant or Office oject lease	

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Final Abandonment Notice



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NWSE, SEC. 21, T10S, R21E UINTAH COUNTY, UT

·	•			
DATE	ACTIVITY		STATUS	
0418/07	LOCATION STARTED	PIONEER 53		
04/26/07	LOCATION COMPLETE	PIONEER 53	P/L IN, WOBR	
04/30/07	SET CONDUCTOR	PIONEER 53	WOAR	
05/08/07	SET AIR RIG, 9 5/8" @2044'	PIONEER 53	WORT	
05/15/07	TD: 2060' Csg. 9 5/8" @ 2044' RURT. 80% rigged up @ report time.	MW: 8.4 SD:	5/X/07	DSS: 0
05/16/07	TD: 2060' Csg. 9 5/8" @ 2044' RURT. 100% rigged up. Prep to NU B		5/X/07	DSS: 0
05/17/07	TD: 2517' Csg. 9 5/8" @ 2044' NU and test BOPE. PU BHA and DP. Drill f/ 2060'-2517'. DA @ report time.	MW: 8.4 SD: Drill cmt and FE. Rotar	5/17/07 y spud @ 0230 h	DSS: 0 rs on 5/17/07.
05/18/07	TD: 4200' Csg. 9 5/8" @ 2044' Drill from 2517'-4200'. DA @ report tim		5/17/07	DSS: 1
05/21/07	TD: 6666' Csg. 9 5/8" @ 2044' Drill from 4200'-6038'. TFNB. Drill to 6	MW: 9.7 SD: 6666'. TFNB @ report ti	5/17/07 me.	DSS: 5
05/22/07	TD: 7350' Csg. 9 5/8" @ 2044' Finish trip for bit & motor. Drill from 666	MW: 10.2 SD: 6'-7350'. DA.	5/17/07	DSS: 6
05/23/07	TD: 8340' Csg. 9 5/8" @ 2044' Drill from 7350'-8340'. DA.	MW: 10.8 SD:	5/17/07	DSS: 7
05/24/07	TD: 8759' Csg. 9 5/8" @ 2044' Drill from 8340'-8759'. DA.	MW: 11.2 SD:	5/17/07	DSS: 8
05/25/07	TD: 8886' Csg. 9 5/8" @ 2044' Drill from 8759'-8769'. TFNB. Drill to 8	MW: 11.3 SD: 886'. DA.	5/17/07	DSS: 9
05/28/07	TD: 9350' Csg. 9 5/8" @ 2044' Drill f/ 8886'-9350'. CCH, short trip, and Land csg, NDBOP, clean pits, and rls ri	d LDDP. RU and run lo	5/17/07 gs to TD. Run an 7. RDRT @ repo	DSS: 12 d cmt 4.5" csg. rt time.
06/14/07	LOGGING Days On Completion: 1			

Remarks: 7:00 A.M. HSM MIRU RIG EQUIP. NDWH. MIRU CUTTERS. P/U CBL/CCL/GR TOOLS & RIH. LOG WELL F/ 9216' TO SURF. POOH. L/D LOG TOOLS. N/U FRAC VALVES. R/U PMP & LINES. FILL CSG W/ 2% KCL. MIRU B&C QUICK TST. PSI TST CSG & FRAC VLV'S TO 7500# (HELD). RDMO B&C. SWI. SDFN

06/15/07 DFIT

Days On Completion: 2

Remarks: 8:00 a.m. HSM. MIRU CUTTERS, P/U 3 3/8" PERF GUNS LOADED W/ 23 GM CHARGES, 4 SPF, 90 DEG PHASING & RIH. SHOOT 20 HOLES F/ 8811' - 16', POOH. RD CUTTERS. MIRU DELSCO. P/U HALLIBURTON BHP BOMBS & RIH TO 8801'. MIRU WEATHERFORD FRAC SVC. PREFORM DFIT TEST AS PER DESIGN W/ 1000 GALS 2% KCL. BRK DWN PERFS @ 5011#, EST INJ RT @ 4.9 BPM @ 3200#. SD PMP AFTER 1000 GALS. ISIP 2938#. FG 1.0? SWI. SDFWE

06/18/07 PERF AND FRAC

Days On Completion: 5

Remarks: 7:00 a.m. HSM POOH W/ PSI BOMBS F/ 8801'. L/D BOMB'S & SEND TO VERNAL FOR ANALYSIS. RDMO DELSCO. MIRU CUTTERS. P/U 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES, 4 SPF, 90 DEG PHASING & RIH. SHOOT 9 HOLES F/ 8737' - 40', P/U SHOOT 6 HOLES F/ 9697' - 99', P/U SHOOT 9 HOLES F/ 8661' - 64'. POOH. MIRU WEATHERFORD FRAC SVC. PRIME PMP'S, PSI TST LINES TO 8500#, (held).

STG 1: BRK DWN PERF'S @ 3405#, SPEAR HEAD 6 BBLS 15% HCL, FOLLOWED BY PRE PAD W/ 61 GALS NALCO DVE-005 SCALE INHIB. EST INJ RT @ 50.6 BPM @ 4450#, ISIP 2963#, FG .78, TREAT STG 1 W/ 136197# SAND (TAILE IN W/ 6420# TRC). W/ SLK WTR TOT CL FL 3680 BBLS. ISIP 3057#, NPI 94#, FG .79. P/U 4 1/2" BAK 8K CBP & RIH. SET KILL PLUG @ 8611'. POOH, RDMO CUTTERS, RDMO WEATHERFORD FRAC SVC. MIRU, ND FRAC VLV'S, NUBOPE. PREP & TALLY 2 3/8" J-55 8RD, 4.7# TBG. P/U 3 7/8" SMITH BIT, POBS & BEG TO RIH P/U TBG OFF TRAILER. EOT @ 3000'. SWI. SDFN

06/19/07 DRILL CBP'S

Days On Completion: 6

Remarks: 7:00 A.M. HSM CONT TO RIH P/U TBG OFF TRAILER F/ 3000". TAG KILL PLUG @ 8611', R/U DRL EQUIP. R/U PMP & LINES. BRK CONV CIRC W/ 2% KCL & BEG TO DRL.DRL UP KILL PLUG IN 4 MIN. (800# PSI INC). CONT TO RIH. TAG FILL @ 9102', (150' FILL). C/O TO PBTD @ 9290'. CIRC WELL CLEAN. POOH L/D 31 JTS ON TRAILER. LUBRICATE TBG HANGER INTO WELL. LAND TBG W/ EOT @ 8455'. NDBOPE. NUWH. DROP BALL & PMP OFF THE BIT SUB @ 1400#. R/U FLOW BACK EQUIP. TURN OVER TO FLOW BACK CREW. RDMO

SICP 1900# FTP 100# 48/64 CHOKE TBG ON LOC

TBG ON LOC 302 JTS
TBG IN WELL 271 JTS
TBG LEFT ON TRAILER 31 JTS

FLOWBACK REPORT: CP 1700#, TP 1225#, CK 20/64", 40 BWPH, LOAD REC'D 820 BBLS, LLTR 2060 BBLS

06/20/07 FLOWBACK REPORT: CP 1550#, TP 800#, CK 20/64", 20 BWPH, LOAD REC'D 1380 BBLS,

LLTR 1500 BBLS

06/21/07 FLOWBACK REPORT: CP 1150#, TP 625#, CK 20/64", 10 BWPH, LOAD REC'D 1675 BBLS,

LLTR 1205 BBLS

06/22/07 ON SALES: 535 MCF, 0 BC, 95 BW, TP: 960#, CP: 1438#, 25/64 CHK, 19 HRS, LP: 91#.

06/23/07 ON SALES: 755 MCF, 0 BC, 160 BW, TP: 500#, CP: 910#, 26/64 CHK, 24 HRS, LP: 115#

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8. Well Completion or Recompletion Report and Log
 - · A copy of electric and radioactivity logs, if run
 - · A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Kerr-McGee Oil & Gas Onshore, LP Today's Date: 09/18/2007

Well:	API Number:	Drilling Commenced:
NBU 921-33P wcr	4304736396	03/07/2007
Bonanza 1023-16J drlg/wcr	4304737092	03/09/2007
Wissiup 36-187 wcr	4304737580	04/20/2007
State 1021-36K wcr	4304738849	04/25/2007
NBU 1021-21J wcr	4304737436	04/30/2007
NBU 1022-35J wcr	4304737180	05/01/2007
Bitter Creek 1122-2H wcr	4304736997	05/02/2007
NBU 921-330 wcr	4304736499	05/03/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File Compliance File Well Hatch 923-14G wcr NBU 922-32H-3T wcr API number 4304737028 4304738569

Drilling Commenced 05/06/2007 05/08/2007

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED							
OMB NO. 1004-0137							
Expires:	Nove	ember 30, 2000					

5. Lease Serial No.

WELL	COMPLETION	OP DECOMPL	ETION REPORT	ANDIOG
VVELL	CUMPLETION	UK KEGUNIFL	CHUN KEPUKI	AND LOG

	***	-L 001	**** LL	I ION O	IN INLOOM		ION IL	Οινι	AND L			UTU-	02278			
la. Type of	Well	Oil V	Vell [Gas	Dry	Ot	her				· · · · · · · · · · · · · · · · · · ·	6. I	Indian,	Allottee o	Tribe	Name
	Completion	:	⊠ N	lew	Work Ove	er 🔲	Deepen	D Plu	ıg Back	Diff.	Resvr.					
			Other											_		ne and No.
2. Name of	Operator													ne and We		U UNIT
	CGEE C	II. & G	AS O	NSHOR	RE LP									21-21		
3. Address			, , , ,					3a. Pho	one No. (in	clude area	code)		PI Well		<u> </u>	
1368 SC	UTH 12	00 FAS	ST VE	RNAL.	UTAH 84	078		(435)	-781-70	24			737436			
					n accordance		deral requ									
		-												Pool, or E		tory
At surface			N		2 171'FSL,									BUTTE: R., M., or l		
At top prod	. interval re	ported bel	low		2301 f	l &	1823	3te	1							 21, T10S, R21E
						•							County or			13. State
At total dep	th											UINT				UTAH
14. Date S	oudded		15	5. Date T.	D. Reached				e Completo D & A	ed Von Pand	v to Prod	17. I	Elevation	s (DF, RK	B, RT,	GL)*
04/30/07	7		0	5/27/07				06/22		Read	ly to Flou.	5249	GL			
18. Total D	epth: MI	5	9350)' 1	9. Plug Back	T.D.:	MD	9290			20. Depth	Bridge 1	Plug Set:	MD		
	TV	D					TVD							TVD		
21. Type E	lectric & Ot	her Mech	ianical I	.ogs Run (Submit copy o	of each)				22. Was	well cored	? 🔯 No		Yes (Sub	mit cop	oy) >
		_	. 1							1	DST run? ctional Sur			Yes (Sub Yes (
	L- GR									Direc	tional Sur	vey: 🔼	NO	165 (Subilin	сору)
23. Casing	and Liner R	Record (R	eport al	ll strings s	et in well)		Stage Ce	menter	No. of	Sks. &	Slurry V	ol I				
Hole Size	Size/Grade	Wt. (#/	/ft.)	Top (MI	D) Bottom	(MD)	Dep			Cement	(BBL)		Cement '	Top*	Am	ount Pulled
20"	14"	36.7	'#		40)'	*			SX						
12 1/4"	9 5/8"	32.3	3#		206	30'			480	SX						
7 7/8"	4 1/2"	11.6	#		935	50'			1590	OSX						
NA TO 1:	D 1															
24. Tubing	1	+ (MD)	Dooles	Donth (M	(D) Siz		Depth Se	+ (MD)	Packer De	anth (MD)	Siz		Denth	Set (MD) Po	cker Set (MD)
Size 2 3/8"	Depth Se 801		Facker	Depth (M	ועון		Depth 3e	i (IVID)	T acker De	pin (MD)	512		Верил	Set (IVID	, 114	cker det (MD)
2. 3/0							-						<u> </u>		+	
25. Produc	ing Intervals	s	·				26. Perfo	oration R	ecord				•			
	Formation	new	NIL	Тор	Bott	om	Per	rforated l	interval		Size	No.	Holes			Status
A) M	ESAVEF			7244	881	16'	7	244'-8	816'	(0.36	1	56		OP	EN.
В)																
C)	 .		_													
D)										l		<u> </u>				
	racture, Tre		ement S	Squeeze, E	tc.				A mount on	nd type of M	Anterial					
	Depth Inter 7244'-88			MP 656	7 BBLS S	LICK	H2∩ &				riateriai					
	7244-00	10		1011 000	77 DDLO O	LICIN	1120 a	200,00	3011 0010	,,,,,,						
28. Produc	tion - Interv	al A														·
Date First	Test	Hours	Test	Oil	Gas	Wate		Oil Grav	•	Gas		Producti	on Method	i		
Produced	Date 09/04/07	Tested 24	Product	ion BBL	MCF 352	BBL	42	Corr. Al	1	Gravity			FLOV	VS FR	N MC	/FII
06/22/07 Choke		Csg.	24 Hr.	Oil	Gas	Wate		Oil Grav	vity	Well Status	· · · · · · · · · · · · · · · · · · ·				1	
Size	Flwg. 182#	Press.	Rate	BBL	MCF	BBL		Соп. А	-		-		OINO 1	O A O 14		
20/64	SI	620#			352	Щ.,	42	<u> </u>		L	Ph	KUDU	CING	GAS W	ELL	
	ction - Inter		Treet	10:3	ICon	Wate		Oil Grav	rity	Gas		Producti	on Method	1	<u> </u>	
Date First Produced	Test Date	Hours Tested	Test- Product	Oil ion BBL	Gas MCF	BBL		Corr. Al	-	Gravity		1	J.1 171011100	-		
06/22/07	09/04/07		$\left - \right\rangle$	>			42	<u> </u>			CEIVI	ED_	FLOV	VS FR	V MC	/ELL
Choke	Tbg. Press.	Csg.	24 Нг.	Oil	Gas	Wate		Oil Grav	-	Well Status						
Size 20/64	Flwg. 162# SI	620#	Rate	► BBL	MCF 352	BBL	42	Corr. AI	•	SEP	2 5 20	K DU	CING	GAS W	ELL	

	duction - Inte						long :	la c :	Durdentin Maked	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	duction - Inte	rval D								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
SOLD	oosition of Ga							31. Formation	on (Log) Markers	
tests	w all importate, including de recoveries.	nt zones of epth interva	porosity and il tested, cus	d contents the	ereof: Core ime tool ope	d intervals and	d all drill-stem shut-in pressures			
Fo	rmation	Тор	Bottom		Descri	ptions, Conten	ts, etc.		Name	Top Meas. Depth
WASA MESA	ATCH VERDE	4343' 7231'	7231'							
32. Add	litional reman	ks (include	plugging p	rocedure):						
1. 1 5. 3	cle enclosed a Electrical/Me Sundry Notic	chanical Lo e for pluggi	ogs (1 full seing and cem	ent verificat	ion 5	2. Geologic Re 5. Core Analys	is 7. C	ST Report	4. Directional Survey	
36. I her	reby certify th	nat the foreg	going and at	tached infor	mation is co	mplete and cor	rect as determined		e records (see attached ins	
Nan	ne (please pri	ni) SHE	ILA UPC	HEGO	-/-		Title _	SENIOR	LAND ADMIN SPI	ECIALIST
_	nature		11	1/1/	MY		Date _	9/17/200		
Title 18	U.S.C. Section	n 1001 and	Title 43 U.S	S.C. Section	1212, make i	it a crime for an	y person knowingly	and willfully to	nake to any department or	agency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, what is a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

UTU-02278

BUREAU OF LAND MANAGEMENT 5. Lease Serial No.

SUNDRY NOTICES	AND	REPORTS	ON	WELL	∟S

Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name		
	CATE – Other instruct		7. If Unit or CA/Agreement, Name and/or No.
			UNIT #891008900A
1. Type of Well			NATURAL BUTTES UNIT 8. Well Name and No.
Oil Well X Gas Well 2. Name of Operator	Other		
-			NBU 1021-21J 9. API Well No.
KERR-McGEE OIL & GAS C	ONSHORE LP [31	o. Phone No. (include area code)	4304737436
		435) 781-7024	10. Field and Pool, or Exploratory Area
1368 SOUTH 1200 EAST V 4. Location of Well (Footage, Sec., 7		433) 101-1024	NATURAL BUTTES
- A			11. County or Parish, State
NWSE SEC. 31, T10S, R21	E 2301'FSL, 1823'FEL		UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF NOTIC	E, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACT	ION
V Nation of Intent	Acidize	Deepen Produc	etion (Start/Resume)
Notice of Intent	Actorize Actorize	Fracture Treat Reclar	
Subsequent Report	Casing Repair	New Construction X Recon	plete Other
_	Change Plans		orarily Abandon
Final Abandonment Notice	Convert to Injection	-	Disposal of any proposed work and approximate duration thereof.
determined that the site is ready for fin THE OPERATOR REQUES	al inspection. TS AUTHORIZATION T	O RECOMPLETE THE S	UBJECT WELL LOCATION. FION. THE OPERATOR WILL
COMMINGLE THE NEWLY	WASATCH FORMATIC	NS ALONG WITH THE E	XISTING MESAVERDE
FORMATIONS.	Add new pert	fs 55981 to 6904	COPY SENT TO OPERATOR
			Date: 9,23,2008
PLEASE REFER TO THE A	TTACHED RECOMPLE	TION PROCEDURE.	Initials: KS
14. I hereby certify that the foregoing	is true and correct		
Name (Printed/Typed)		Title	OT
SHEILA UPCHEGO		REGULATORY ANALYS	51
	1/1/1/10	September 4, 2008	
710007	THIS SPACE	FOR FEDERAL OR STATE USE	
Approved by		Accepted by	y the Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduc	itable title to those rights in the subje	Trant or Office Utah Division	30 Ot Federal Approval Of This
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemen	it a crime for any person know	ringly 3 street fiftelly to make to an matter within its jun scienton.	department or agency of the United ECHVE
(Instructions on reverse)		By: DYVIA	SEP 0 9 2008

Name: NBU 1021-21J

Location: NW SE Sec 21 T10S R21E

Uintah County, UT

Date:

06/16/2008

ELEVATIONS:

5243 GL

5261 KB

TOTAL DEPTH:

9352

PBTD: 9307

SURFACE CASING:

9 5/8", 36# J-55 ST&C @ 2044' 4 1/2", 11.6#, I-80 LT&C @ 9352'

Marker Joint 4317-4331'

TUBULAR PROPERTIES:

PRODUCTION CASING:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg					
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)					
2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

TOPS:

1115' Green River

1737' Mahogany

4328' Wasatch

7169' Mesaverde

T.O.C.@

GENERAL:

- A minimum of 14 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 5/27/2007
- 5 fracturing stages required for coverage.
- Procedure calls for 6 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~8455
- Originally completed on 6/18/2007

Existing Perforations:

Mesaverde	7244	7246	4	8
Mesaverde	7372	7374	4	8
Mesaverde	7326	7332	4	24
Mesaverde	7537	7542	4	20
Mesaverde	7603	7608	4	20
Mesaverde	7863	7867	8	32
Mesaverde	8661	8664	3	9
Mesaverde	8697	8699	3	6
Mesaverde	8737	8740	3	9_
Mesaverde	8811	8816	4	20

PROCEDURE:

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. If the tubing is below the proposed CBP depth, TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~8455'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOOH.
- 3. If tbg looks ok consider running a gauge ring to 7150 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7150 (50' below proposed CBP).
- 4. Set 8000 psi CBP at \sim 7100'. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	То	spf	# of shots
WASATCH	6708	6710	4	8
WASATCH	6764	6766	4	8
WASATCH	6870	6872	4	8
WASATCH	6900	6904	4	16

- 6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6683' and trickle 250gal 15%HCL w/ scale inhibitor in flush. NOTE TIGHT SPACING
- 7. Set 8000 psi CBP at ~6673'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6493	6495	4	8
WASATCH	6527	6529	4	8

WASATCH 6637 6643 4 24

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6443' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Please pump @ 40 BPM due to potential water zone above.
- 9. Set 8000 psi CBP at ~6192'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6056	6058	4	8
WASATCH	6090	6092	4	8
WASATCH	6149	6151	4	8
WASATCH	6158	6162	4	16

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6006' trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 11. Set 8000 psi CBP at ~5742'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5598	5600	4	8
WASATCH	5615	5617	4	8
WASATCH	5673	5675	4	8
WASATCH	5710	5712	4	8

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~5548' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 13. Set 8000 psi CBP at \sim 5302'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone From To spf # of shots WASATCH 5262 5272 4 40

- 14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5212' and flush only with recycled water. Please pump @ 40 BPM due to potential water zone above.
- 15. Set 8000 psi CBP at ~5212'.
- 16. TIH with 3 7/8" bit, pump off sub, SN and tubing.
- 17. Drill plugs and clean out to PBTD. Pump off sub and land tubing at ± 6463 ' unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 18. RDMO

For design questions, please call Curtis Caile, Denver, CO (406)-490-2742 (Cell) (720)-929-6194 (Office)

For field implementation questions, please call

Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

Sand at 7020 is wet and needs to be avoided. Adding stuff between 6800-6900. Sand at 6640 is wet but ok to frac. Sand at 6350 needs to be avoided. Sand at 5190 is wet but ok to frac.

3886.6902 92.5402429

													92.5402429						
		Feet	P	erfs			Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Fluid	Sand	Sand	Cum. Sand	Footage from	Scale Inhib
Stage	Zone			Bot., ft	SPF	Holes		Туре	ppg	ppg		BBLs	BBLs	% of frac	% of frac	lbs	ibs	CBP to Flush	gal
		1 1						- 1	1.0					1000		100			
1	WASATCH	1	6708	6710	4	1 8	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	3	6764	6766	. 4	1 8	l	ISIP and 5 min ISIP		i									43
	WASATCH	1	6870		l .	6		Slickwater Pad		i	Slickwater	275	275	15.0%	0.0%	٥	n		35
	WASATCH	1	6900			16		Slickwater Ramp	0.25	1 25	Slickwater		1,192	50.0%	39.7%	_	, -		58
	WASATCH	1	*****	No Perfs	"	"		Slickwater Ramp	1.25		Slickwater		1,833	35.0%		43,794			0
	WASATCH	1		No Perfs				Flush (4-1/2")	1.23		Siickwatei	104	1,937	33.076	00.370	45,734	72,669		43
							50			l		104	1,837				12,009		
	WASATCH	1		No Perfs			1	ISDP and 5 min ISDF	ا د	l					126	0.000	4.000		179
		1 20		» (D (!				l		-		ccoa	gal/ft			lbs sand/fi	1
		39	41	# of Perf	s/stage	40	100		ا ۽ يا ا	l		FI	ush depth	6683	CB	P depth	0,013	10	LOOK
							40.4	<< Above pump time	(min)										
2	WASATCH	1	6493		1	8	Varied	Pump-in test		i	Slickwater	0	0						ĺ
	WASATCH	2	6527	6529	4	8	0	ISIP and 5 min ISIP		i									
	WASATCH	1	6637	6643	4	24	40	Slickwater Pad		i	Slickwater	96	96	15.0%	0.0%	0	0		12
	WASATCH	1		No Perfs			40	Slickwater Ramp	0.25	1.25	Slickwater	321	418	50.0%	39.7%	10,125	10,125		20
	WASATCH	1		No Perfs			40	Slickwater Ramp	1.25	2	Slickwater	225	643	35.0%	60.3%				0
	WASATCH	2		No Perfs			40	Flush (4-1/2")		i		100	743				25,481		40
	WASATCH	6		No Perfs			i	ISDP and 5 min ISDF	, ,	i							·		73
	11110211011	· ·		110 1 0110			i	lob; wild o min lob!	1	ĺ					nal/ft	2,000	1.888	lbs sand/ft	
		14		# of Perf	l c/stano	40				i		F)	ush depth	6443		P depth	,	251	
		1 "		ir oi i eii	Souge	1 40		<< Above pump time	l Zazak	100			don dopui	V110		dopui	0,132	231	
. ,	WASATCH	1. 2	6056	6058		8		Pump-in test	fame) i	i santa i	Slickwater	0	0				·		
J	l	2			f			l '			Plickwater	١	U						
	WASATCH	_	6090		1	8		ISIP and 5 min ISIP		l		407	407			,			47
	WASATCH	1	6149		ı	8		Slickwater Pad	0.00	4.05	Slickwater		137	15.0%	0.0%	0			17
	WASATCH	1	6158		4	16		Slickwater Ramp	0.25		Slickwater		592	50.0%	39.7%		14,344		29
	WASATCH	1		No Perfs				Slickwater Ramp	1.25	₁ 21	Slickwater		911	35.0%	60.3%	21,755	36,098		0
	WASATCH	1		No Perís			50	Flush (4-1/2")			ĺ	93	1,004				36,098		37
	WASATCH	. 1		No Perfs			·	ISDP and 5 min ISDF											83
							,									2,250		lbs sand/ft	
		17		# of Perfs	s/stage	40	1					Fl	ush depth	6006	CB.	P depth	5,742	264	1
		\mathbf{H}			-		20.9	<< Above pump time	(min)	i '									
4	WASATCH	1	5598	5600	4	8	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	1	5615	5617	4	8	, 0	ISIP and 5 min ISIP											!
	WASATCH	1	5673	5675	4	8	50	Slickwater Pad			Slickwater	143	143	15.0%	0.0%	0	0		18
	WASATCH	1	5710	5712	4	8		Slickwater Ramp	0.25	1.25	Slickwater	L i	619	50.0%	39,7%	15,000	15,000		30
	WASATCH	1		No Perfs				Slickwater Ramp	1.25		Slickwater		952	35.0%	60.3%				0
	WASATCH	1		No Perfs				Flush (4-1/2")	1.20	-	Dischwarer	86	1,039	35.070	30.370	22,100	37,750		34
	WASATCH	1		No Perfs			ı	ISDP and 5 min ISDF					1,000				01,100		82
	INACATOR	1 '		INU FEIIS			i '	IODE AND STIMING				İ '			mal/#	2 000	1 000	lha aand <i>if</i>	l
		20		# of Perf	oleton-	32		}				FI	ush depth	55.40		2,000 P depth		lbs sand/ft 246	1
		20		# UI PER	əsiaye 	32	i		l	per l		L L	uan ucpuli 	JU40	UD	ueput	0,002	240	
ا	IMADATOU	1	FOOO	F070		_		<< Above pump time	(min)	, <u>, , , , , , , , , , , , , , , , , , </u>	OIT I	ļ <u></u>						10 m	
	WASATCH	14	5262		4	40		Pump-in test			Slickwater	0	0						
	WASATCH	1		No Perfs	1		1 1	ISIP and 5 min ISIP											
	WASATCH	1		No Perfs				Slickwater Pad			Slickwater		143	15.0%	0.0%	0	_		18
	WASATCH	1		No Perfs				Slickwater Ramp	0.25		Slickwater			50.0%	39.7%				30
	WASATCH	0			l			Slickwater Ramp	1.25	2	Slickwater		952	35.0%	60.3%	22,750			0
	WASATCH	0					40	Flush (4-1/2")				81	1,033				37,750		0
	WASATCH	0			l			ISDP and 5 min ISDF	3										48
		1													gal/ft	2,500	2,359	lbs sand/ft	1
		16		# of Perfs	i s/stano	40						Fli	ush depth	5212		P depth		0	LOOK
		"		571 016		"	26.9	<< Above pump time	(min)	I				: -			· · · -	•	
	Totals	105				400	20.3	Zi Whose houth time	(ana)			gals	5,753	hhla	Tof	i al Sand	209,748		
	1 ULAIS	TUD			ŀ	192						-	5,155	เมเร	101	ai oaila 	203,148		
	l	1			l	1 1	, '	1	!	. '	I	bbls			l		l	l	1
		l] . 1	2.2			t. 1 1				tanks				le inhib. =	465

NBU 1021-21J re-complete Perforation and CBP Summary

		Perf	orations		-			
Stage	Zones	Top, ft	Bottom, ft	SPF	Holes	Fra	cture Cove	rage
· · · · · · · · · · · · · · · · · · ·								
1	WASATCH	6708	6710	4	8		5 to	6709
	WASATCH	6764	6766	4	8	6711	to	6714
	WASATCH	6870	6872	4	8	6735	to to	6735
	WASATCH	6900	6904	4	16	6748	i to	6746
	WASATCH		No Perfs	·		6755.5		6756
	WASATCH		No Perfs			6761.5		6762
	WASATCH		No Perfs					
						6766		6766.5
	WASATCH		No Perfs			6772.5		6774
	WASATCH		No Perfs			6777		6777
	WASATCH		No Perfs			6796	to to	6799
	WASATCH		No Perfs			6810	to to	6810.5
	WASATCH	<u>.</u>	No Perfs			6812.5	i to	6813
	WASATCH		No Perfs			6814	to	6816.5
	WASATCH		No Perfs			6832.5	to	6833
	WASATCH		No Perís			6834		6835.5
	WASATCH		No Perfs			6844.5		6844.5
	WASATCH		No Perfs			6845.5		6845.5
	WASATCH		***************************************					*********
			No Perfs			6850		6850.5
	WASATCH		No Perfs			6853.5		6855.5
	WASATCH		No Perfs			6870,5		6872
	WASATCH		No Perfs			6881		6881
	WASATCH		No Perfs			6892.5	to to	6895
	WASATCH		No Perfs			6899.5	to	6910.5
							1	
	# of Perfs/stage				40	CBP DEPTH	6,673	1
				11.16 (2.5)				
2	WASATCH	6493	6495	4	8	6493	to to	6494
	WASATCH	6527	6529	4	8			6529
	WASATCH	6637	6643	4	24	6534		6534
	WASATCH		No Perfs		=	6585.5		6586.5
	WASATCH		No Perfs			6622.5		6622.5
	WASATCH		No Perfs					
	WASATCH					6623.6		6625
	# of Perfs/stage		No Perfs		40	6638		6644
	# of Pensistage				40	CBP DEPTH	6,192	
	WASATCH	6056	6058		8	5010		T 0040 F
	WASATCH	6090		4		6046.5		6048.5
			6092	4	8	6056.5		6058,5
	WASATCH	6149	6151	4	. 8	6091.5		6092
	WASATCH	6158	6162	4	16	6106		6108
	WASATCH		No Perfs			6115.5	i to	6115.5
	WASATCH		No Perfs			6149.5	to to	6149.5
	WASATCH		No Perfs			6151.5	to to	6152
	WASATCH		No Perfs			6155	to	6155
	WASATCH	FORM	No Perfs			6158.5	to	6162
	WASATCH	l	No Perfs			6166.6	to	6166.5
	WASATCH		No Perfs			6171	to	6171
	WASATCH		No Perfs			6173	to	6173.5
	WASATCH		No Perfs			6189		6189
	WASATCH		No Perfs			6196.5		6197.5
	# of Perfs/stage		140 1 0110		40	CBP DEPTH	5,742	0197.5
	# Off Characage					CBI BEI III	3.742	
4	WASATCH	5598	5600	4	8	5562	to	5563
-	WASATCH	5615	5617	4	8			5567
	WASATCH	5673	5675	4	8			
	WASATCH	5710		4	8			5596.5
	WASATCH	5710	5712 No Perfs	4	8			5599.5
						5616.5		5616.5
	WASATCH		No Perfs			5620.5		5820.5
	WASATCH		No Perfs			5624.5		5624.5
	WASATCH		No Perfs			5625.5		5625.5
	WASATCH		No Perfs			5629	to	5629
	WASATCH		No Perfs			5632	to	5633
	WASATCH		No Perfs			5638.5		5641
	WASATCH		No Perfs			5645		5645.5
	WASATCH		No Perís		-	5648.5		5649.5
	WASATCH		No Perfs			5652.5		5653.5
	WASATCH		No Perfs			5666		5666.5
	WASATCH		No Perfs			5673.5		5674
	WASATCH		No Perfs			5688.5		5689
	WASATCH		No Peris			5696.5		5696.5
	WASATCH		No Perfs			5698.5		5698.5
	WASATCH		No Peris			5707		5698.5
	WASATCH		No Peris			5709.5		5787.5
	# of Perfs/stage		140 1 5119		32	CBP DEPTH	5,302	9710.5
	" OLI CHO/Staye				. 32	COF DEPTH		1
Æ	WASATCH	5262	5272	4	40	5260	to	5273.5
5	WASATCH	3404	No Perfs		40	5275.5		5273.5
	WASATCH		No Perfs			5275.5		
	WASATCH		No Peris			5283		5283
	# of Perfs/stage	<u> </u>	110 1 0110		40	CBP DEPTH	5,212	5285
	- OII CIISISIAGE		 	-	40	COF DEFIN	J J,ZIZ	L
	Totals				192		T	1
					192	<u> </u>	1	

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

FORM APPROVED

OMB No. 1004-0135

Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

UTU-02278

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an

abandoned well.	Use Form 3160-3 (APD)	for such proposals	5.	
SUBMIT IN TRIPLI	CATE – Other instru	ctions on reverse	e side	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
1. Type of Well				NATURAL BUTTES UNIT
Oil Well X Gas Well	Other			8. Well Name and No.
2. Name of Operator				NBU 1021-21J
KERR-McGEE OIL & GAS (DNSHORE LP			9. API Well No.
3a. Address		3b. Phone No. (includ	e area code)	4304737436
1368 SOUTH 1200 EAST V	'ERNAL, UT 84078	(435) 781-7024		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7		n)		NATURAL BUTTES
2.1				11. County or Parish, State
NWSE SEC. 34, T10S, R21	E 2301'FSL, 1823'FEL			UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE, I	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTIO	N
Notice of Intent	Acidize	Deepen To the second se	=	n (Start/Resume) Water Shut-Off
X Subsequent Report	☐ Alter Casing ☐ Casing Repair ☐ Change Plans	Fracture Treat New Construction Plug and Abandon	Reclamati Recomple	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dis	

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR HAS PERFORMED THE RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS RETURNED THE SUBJECT WELL LOCATION BACK TO PRODUCITON ON 09/03/2008 AT 11:15 AM.

PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct			
Name (Printed/Typed)	Title		
SHÆJLA UPCHEGO	REGULATOR'	Y ANALYST	
Market Ma	Date September 4,	2008	
THIS SPAC	E FOR FEDERAL OR	STATE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not certify that the applicant holds legal or equitable title to those rights in the su which would entitle the applicant to conduct operations thereon.	bject lease		
Title 18 U.S.C. Section 1001, make it a crime for any person kn false, fictitious or fraudulent statements or representations as to ar	owingly and willfully to ny matter within its jurisc	make to any department or agency of the liction.	RECEIVED

(Instructions on reverse)

Start Date: 8/25/2008 WINS No.: 94106 **NBU 1021-21J End Date: Operation Summary Report** AFE No.: 2004852 ROUTE SPUD DATE KR FIELD NAME 5/17/07 5,243 5261 NATURAL BUTTES KERR MCGEE OIL & GAS ONSHORE LP DIVISION STATE COUNTY API ROCKIES UINTAH UTAH 4304737436 Footages: 2,301.00' FSL 2,822.99' FEL Q-Q/Sect/Town/Range: NWSE / 21 / 10S / 21E Lat./Long.: Lat./Long.: 39.93228 / -109.55380 PBTVD PBMD LOG MD מעד MTD 9290 9290 9350 AFE NO.: 2004852 REASON: MV EVENT ACTIVITY: RECOMPLETION **EVENT INFORMATION:** DATE WELL STARTED/RESUMED: OBJECTIVE: DEVELOPMENT **Event End Status: OBJECTIVE2: RECOMPLETE** Rig Off Location Rig Operation Start Finish Drilling Rig Release Begin Mobilization Rig On Location Rig Charges RIG OPERATIONS: KEY 59 / 59 Operation Code Subco P/U Duration Phase Time Date Start-End (hr) de MD: 8/25/2008 SUPERVISOR: GARTH McCONKIE DAY 1 - JSA & SM #1 Р - 7:15 0.25 WO/REP 48 7:00 MIRU SERVICE UNIT. SPOT EQUIP. SET ANCHOR FOR RIGHT Ρ WO/REP 31 7:15 - 16:00 8.75 FRONT GUIDELINE. (PIT SIDE). RETRIEVE P.L.E. BLOW DOWN WELL. NDWH, NUBOP. RU FLOOR & TBG EQUIP. POOH W/257 JTS 2 3/8" TBG. LD POBS & SN NIPPLE. CLOSE BLIND RAMS. OPEN CSG TO PRODUCTION. SWI-SDFN. PREP WELL TO PT CSG & PERFORATE. MD: SUPERVISOR: GARTH McCONKIE 8/26/2008 DAY 2 - JSA & SM #2. 48 0.25 WO/REP 7:00 - 7:15 WHP = 300 PSI, BLEED OFF WELL. WO/REP 33 С 7:15 - 16:30 9.25 RD FLOOR & TBG EQUIP. NDBOP, NU FRAC VALVES. MIRU CASEDHOLE SOLUTIONS. RIH W/BAKER 8K CBP & SET @ 7100'. POOH & LD WIRELINE TOOLS. LOAD HOLE W/2% KCL WTR. MIRU B & C QUICK TEST. PT CSG & FRAC VALVES TO 6200 PSI. PRES. HELD @ 6200 PSI FOR 12 MIN. THEN FELL OFF TO O PSI, PMPD 30 BBLS DWN CSG @ 0 PSI. RIH W/SCRAPPER & JNK BSKT TO 7260'. DID NOT TAG PLUG @ 7100'. (PERFS 7244' - 46'). POOH W/SCRAPPER & JNK BSKT. RIH W/BAKER 8K CBP & SET @ 7020'. POOH & LD WIRELINE TOOLS. LOAD HOLE W/2% KCL WTR. R/U B & C QUICK TEST. PT CSG & FRAC VALVES TO 6200 PSI. (GOOD TEST). RDMO B & C QUICK TEST. STG #1) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. PERF THE WASATCH @ 6900' - 04', 4 SPF, 6870' - 72', 4 SPF, 6764' - 66', 4 SPF, 6708' - 10', 4 SPF, 40 HOLES. POOH & LD TOOLS. 16:30. SWI - SDFN. PREP WELL TO FRAC IN AM. MD: SUPERVISOR: GARTH McCONKIE 8/27/2008 DAY 3 - JSA &SM #3. SICP = 0 PSI. 0.25 WO/REP 7:00 - 7:15 MIRU SCHLUMBERGER PUMPING SERVICES. PT SURFACE EQUIPMENT TO 7500 PSI.

Wins No.: 9	94106			NBU	1021-2	1J		API No.:	
EVENT INFO	RMATION:	EVENT ACTIVI	TY: RECO	MPLETIC	ON	REAS	SON: MV	AFE N	O.: 2004852
		OBJECTIVE: D	EVELOPM	ENT		DATI	E WELL STARTED/RESUMED:	7	
		OBJECTIVE2:	RECOMPL	ETE.		Even	t End Status:		
RIG OPERAT	IONS:	Begin Mobilization	on Rig On	Location	Rig Cl	narges	Rig Operation Start Finish Drilling	Rig Release	Rig Off Location
KEY 59 / 59					· · · · · · · · · · · · · · · · · · ·				
Date	Time Start-Er		Phase	Code	Subco de	P/U	Opera		
	7:15 - 1	3:00 5.75	WO/REP	36	E	Р	STG #1) WHP = 0 PSI. BRK DWN ISIP = 2030 PSI, FG = 0.73. PMP (INJ. TEST. PMPD 250 BBLS 51.5 PERFS OPEN - 83%. PMPD 511 BBLNDR, SD. SND SPIKED TO 2.5 128 BBLS LOST SLINGER ON BLN BLENDER FROM SCHLUMBERGE	6 BBLS 15% HO BPM @ 5300 PS BBLS, LOST SL 5 PPG. RE-STA NDR. SD. ORE	CL ÄHEAD OF SI. 33/40 INGER ON RT STAGE - AT DER OUT NEW
							13:00 SDFD - PREP WELL TO FR	AC IN AM.	
8/30/2008	SUPERVIS	<u>OR:</u> GARTH Mc	CONKIE						MD:
	7:00 -			33	Α		7 AM FLBK REPORT: CP 50#, TP TRACE SAND, - GAS TTL BBLS RECOVERED: 184 BBLS LEFT TO RECOVER: 7259	750#, OPEN/64	" CK, 12 BWPH,
9/2/2008	SUPERVIS	OR:							MD:
	11:15 -		PROD				WELL TURNED TO SALES @ 111 CP 2150#, CK 20/64", 156 MCFD, 3		2008 - FTP 500#,
9/3/2008	SUPERVIS	OR: GARTH Mo	CONKIE					,	MD:
	7:00 -			33	Α		7 AM FLBK REPORT: CP 1300#, T TRACE SAND, - GAS TTL BBLS RECOVERED: 549 BBLS LEFT TO RECOVER: 6894	P 500#, 20/64"	CK, 15 BWPH,

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No.

												טוט-	02278			
la. Type of b. Type of	Well (i Oil W	ell X		Dry Work Over	Oth		☐ Pli	ig Back	Diff.	Resvr.	6. I	f Indian, 1	Allottee o	r Tribe l	Name
	•		Other _	· 'mad					-5					_		ne and No.
2. Name of	Operator	-												08900		J UNIT
KERR M	cGEE O	IL & GA	AS ONS	SHORE I	_P			la n	37. 4	, T	-,			ne and W 21-21		
3. Address						_			one No. (inc		coae)	9. A	API Well	No.		
					CCOrdance w		danal na ar		-781-702	24		4304	737436	3		
4. Location	or well (Ke	рон юсаг	ions ciea	riy ana in a	ccoraance w	un re	aerai reqi	uremeni	s) *		,	10.	Field and	Pool, or l	Explorat	огу
At surface			NV	V/SE 217	1'FS L, 18	3 42 'F	EL							SUTTE		
At ton need	. interval rep	orted bel	211	230	ol FSI	_ /	883	FE	7			11.	Sec., T., I	R., M., or	Block a	nd <mark>1, T10S, R21I</mark>
At top prou	. miervai iej	Jorred Den	JW	Ů	. , 0-		0 -10	,					County of		<u> </u>	13. State
At total dep	th											UINT	ΆΗ			UTAH
14. Date St			15.	Date T.D. F	Leached				e Complete		to Dund	ı		ıs (DF, RF	ß, RT,	GL)*
04/30/07	,		05/	27/07				09/03		X Read	y to Prod.	5249	'GL			
18. Total D	Depth: MI		9350'	19. 1	Plug Back T.		MD TVD	9290			20. Depth	Bridge	Plug Set:	MD TVD		
21 Type F.			anical Lo	gs Run (Sub	mit copy of		IVD			22. Was	well cored	9 X i N	。 口		mit cop	v)
21. 15p0 2				50 x carr (0 ac	in copy of	,					DST run?					
N/A										Direc	ctional Sur	vey? 🔼	No	Yes (Submit	сору)
23. Casing	and Liner R	lecord (R	eport all	strings set i	n well)											
Hole Size	Size/Grade	Wt. (#/	ft.)	Гор (MD)	Bottom (N	AD)	Stage Ce Dep		No. of Type of		Slurry V (BBL)		Cement '	Top*	Amo	ount Pulled
20"	14"	36.7			40'				28							
12 1/4"		32.3			2060	_				SX		_				
7 7/8"	4 1/2"	11.6	#		9350	<u>'</u>			1590	SX						
24. Tubing	Record		Щ.		<u> </u>				<u> </u>			1				
Size	Depth Se	t (MD)	Packer I	epth (MD)	Size	T	Depth Se	t (MD)	Packer De	pth (MD)	Siz	æ	Depth	Set (MD) Pac	cker Set (MD)
2 3/8"	647										_					
25. Produc	ing Intervals				1	_	26. Perfo				0.	1	X7-1	т	D6 C	14 - 4 - 4
	Formation			Top 5262'	Botton 6904			forated 262'-6			Size 0.36	<u> </u>	Holes 192	 	Perf. S	
/	WASATO	<u>лп</u>	_	3202	6904		3	202 -0	904	<u> </u>	J.30		132	 	Oi	
B) C)			_						············							
D)																
	racture, Tre	atment, C	ement Sq	ueeze, Etc.												
	Depth Inter								Amount an							
	5262'-690	04'	PN	1P 6923	BBLS SLI	CKI	H2O & :	228,03	36# 30/5	00110	WA SL)				
					·											
28. Produc	tion - Interv	al A			., ., .,								•			
	1	Hours	Test	Oil	Gas	Water	-	Oil Grav	-	Gas		Product	ion Method	1		
Produced	Date	Tested 24	Production	BBL 0	MCF 595	BBL	70	Corr. Al	Pl	Gravity			FI O	WS FR	OM W	/ELI
Choke	09/15/08 Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water		Oil Grav	vity	Well Status		<u> </u>	1 201	1011	O.V. V.	<u> </u>
Size	Flwg. 272# SI	Press. 532#	Rate	BBL 0	мсғ 595	BBL	70	Corr. Al			PF	RODU	CING	GAS W	/ELL	
	ction - Inter				1	<u> </u>	-		4.11.	•						
Date First	Test	Hours	Test	Oil	Gas	Water	r	Oil Gra	-	Gas	·,	Product	ion Method	REC	EIV	/ED
Produced	Date	Tested	Production	BBL	MCF	BBL		Соп. А	ri	Gravity			5	ከቦፕ	0 ^	5005
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	r	Oil Grav	-	Well Status		•		- UU 	06	2008
Size		Press.	Rate	BBL	MCF	BBL		Сопт. А	PI				עום	OF OIL	GAS.	& MINING

28b. Pro	duction - Inte	rval C								
Date First	1	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
28c. Pro	duction - Inte	rval D		<u> </u>						
Date First		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status	<u> </u>	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
29. Disp	osition of Ga	s (Sold, use	d for fuel, v	ented, etc.)						
SOLD										
30. Sum	mary of Poro	us Zones (I	iclude Aqui	fers):				31. Formation	on (Log) Markers	
tests	v all importar , including de recoveries.	nt zones of pepth interva	orosity and I tested, cus	l contents the	ereof: Core ime tool ope	ed intervals and n, flowing and	d all drill-stem shut-in pressures			
			T							Ton
For	rmation	Top	Bottom	1 .	Descri	ptions, Conten	ts, etc.		Name	Top Meas. Depth
		 								
			l					-		
WASA		4343'								
MESA	VERDE	7231'								
		}								
			1							
								ļ		
			1							
								1		
]					İ		
								Ì		
32. Add	itional remarl	ks (include	plugging pr	ocedure):						
33. Circ	le enclosed at	ttachments:			***************************************					
	lectrical/Med			t req'd.)	2	. Geologic Re	port 3. l	OST Report	4. Directional Survey	
	undry Notice					6. Core Analys		Other:		
	·····									
36. I here	eby certify the	at the foreg	oing and att	ached inforr	nation is cor	mplete and con	rect as determined	ı trom all available	records (see attached ins	tructions)*
Name	e (please prin	n) SHE	LA UPCI	HEGØ _	_		Title	REGULA	TORY ANALYST	
		12	15%		IN	Mari	7/ _	0/00/000	o	
	ature /	100			///	no	Date	9/23/200		
Title 18 l States an	U.S.C. Section y false, fictit	n 1001 and ' ious or frat	Fitle 43 U.S idulent state	.C. Section 1 ements or rep	212, make it presentations	t a cri me for an s as to any mat	y person knowingl ter within its juris	y and willfully to national	nake to any department or a	agency of the United

o U.S. GPO: 1999-573-624

Sundry Number: 55808 API Well Number: 43047374360000

			1
	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02278
SUNDF	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizor n for such proposals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 1021-21J
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047374360000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18t	h Street, Suite 600, Denver, CO, 80217	PHONE NUMBER: 3779 720 929-0	9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2301 FSL 1823 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 21 Township: 10.0S Range: 21.0E Merid	ian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
9/9/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
		J OTHER	OTHER: WELLBORE CLEANOUT
	WILDCAT WELL DETERMINATION	OTHER	·
THE OPE WORKOVER-W	COMPLETED OPERATIONS. Clearly show a RATOR HAS COMPLETED THE ELLBORE CLEANOUT ON THE EATTACHED OPERATIONS SI	FOLLOWING SUBJECT WELL ON	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 19, 2014
			,
NAME (PLEASE PRINT)	PHONE NUMBI	ER TITLE	
Doreen Green	435 781-9758	Regulatory Analyst II	
SIGNATURE N/A		DATE 9/19/2014	

				U	S ROC	KIES RI	EGION	
				Opera	tion S	Summa	ry Report	
Well: NBU 1021	-21J						Spud Date: 5/1	17/2007
Project: UTAH-L	JINTAH		Site: NBL	J 1021-21	J			Rig Name No: MILES 3/3
Event: WELL W	ORK EXPENSE		Start Date	e: 8/26/20)14			End Date: 9/9/2014
Active Datum: R	KB @5,260.99usft (a	above Mean S	Sea	UWI: NI	BU 1021-	21J		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
8/27/2014	10:00 - 15:00	5.00	MAINT	30	А	Р		START TO ROAD RIG TO LOC, FLOODING ACROSS ROAD, SHUT DN, WAIT ON FLOOD WATER
9/3/2014	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, RIGGING UP, CHECKING PSI IN WELL
	7:30 - 8:30	1.00	WO/REP	30	Α	Р		RIGGED UP.
	8:30 - 9:30	1.00	WO/REP	30	F	Р		SICP & SITP 100 PSI, PUMPED 15 BBLS WTR DWN TBG PRESSURED UP TO 1,000 PSI NO BLEAD OFF, TBG IS PLUGGED, PUMPED 15 BBLS WTR DWN CSG, ND WH UNLAND TBG IT WAS'NT STUCK RELAND NU BOPS RU FLOOR.
	9:30 - 11:30	2.00	WO/REP	31	I	Р		TALLY & PU 21 JTS 23/8 J-55 TAG @ 7119', BTM PERF @ 8664, L/D 21 JTS.
	11:30 - 12:30	1.00	WO/REP	34	Н	Р		RU CASED HOLE RIH TAG @ 6334' EOT @ 6455', SHOT 4 HOLES @ 6326', POOH RD CASED HOLE.
	12:30 - 16:00	3.50	WO/REP	31	I	Р		RU SCAN TECH, SCAN & S.L.M OUT W/ 207 JTS 23/8 J-55,147 YB, 2 BB, 58 RED. MEDIUM EXTERNAL PITTING, WALL LOSS, INTERNAL PITTING, JTS 191 - 207 JTS, HOLES IN JT # 204 BTM 3 JTS WERE PLUGGED W/ SCALE NO SPRING IN X/N, RD SCAN TECH.
	16:00 - 17:00	1.00	WO/REP	31	I	Р		PU RIH W/ 43/4 SLAUGH MILL, 40 JTS 23/8 J-55 SWI SDFN CUM COST \$ 19,322.00
9/4/2014	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, PICKING UP TBG OFF FLOAT.
	7:30 - 10:30	3.00	WO/REP	31	I	Р		SICP & SITP 250 , BLEW WELL DWN. RIH W/ REM 129 JTS 23/8 J-55 F/ DERICK PU 68 JTS 23/8 J-55 OFF TRAILOR TAG UP @ 6841',RU DRLG EQUIP
	10:30 - 13:00	2.50	WO/REP	42	В	Р		START PUMPING W/ FOAM UNIT TBG WAS PLUGGED PRESSURE UP TO 2500 NO BLEAD OFF, RD SWIVEL REM TSF, RU START SWABBING MADE 1 SWAB RUN F/ 5000' GOT TBG UNPLUGGED RD SWAB EQUIP PUMPED 20 BBLS DWN TBG OK. RU SWIVEL INSATLLED TSF.
	13:00 - 19:30	6.50	WO/REP	44	D	Р		BROKE CIRC W/ AIR/FOAM IN 50 MIN, C/O PATCHY SCALE F/ 6841'- 7136', BIT PLUGGED OFF, PULL 10 JTS REM TSF, PRESSURE UP TO 3,000 PSI. NO LUCK, RU MADE 2 SWAB RUNS,GOT BIT UNPLUGGED, PUMPED 25 BBLS WTR OK, SWI SDFN. CUM COST \$32,283.00
9/5/2014	7:00 - 7:30	0.50	WO/REP	48		Р		WORKING W/ FOAM UNIT
	7:30 - 17:00	9.50	WO/REP	44	D	Р		SICP & SITP 400, PUMP 10 BBLS WTR DWN TBG, RIH W/ 9 JTS TBG RU SWIVEL, BROKE CIRC W/ AIR/FOAM IN 50 MIN.C/O HARD SCALE F/ 7136' TO 7736' CIRC CLN, KILL TBG POOH 7 JTS REM TSF, SWI SDFWE CUM COST \$ 47,294.00
9/8/2014	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, WORKING W/ FOAM UNIT

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						KIES RE	EGION Iry Report		
Well: NBU 1021	-21J			•			Spud Date: 5/1	7/2007	
Project: UTAH-L	JINTAH		Site: NBL	J 1021-21	J			Rig Name No: MILES 3/3	
vent: WELL W	ORK EXPENSE		Start Date	e: 8/26/20)14			End Date: 9/9/2014	
Active Datum: R evel)	RKB @5,260.99usft (al	bove Mean Se	ea	UWI: NE	BU 1021-2	21J			
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
	7:30 - 18:00	10.50	WO/REP	44	D	Р		SICP & SITP 600, OPEN CSG TO FB TNK, COI TBG W/ 10 BBLS T-MAC. RIH 7 JTS INSTALLE BROKE CIRC W/ AIR/FOAM, C/O SCALE F/ 77 8210' POOH REM TSF RIH TAG BACK UP @ 8 INSATLLED TSF, BROKE CIRC, C/O SCALE F TO 8491', FELL FREE TO 8776' 112' BELOW B PERF, CIR CLN, KILL TBG RD SWIVEL, L/D 18 REM TSF, EOT @ 8210' SWI SDFN.CUM COS \$63,284.00	ED TSF, 736' TO 3210' F/ 8210' ETM 3 JTS
9/9/2014	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, CHECKING WELL PSI & LAYING TBG DIFLOAT.	WN ON
	7:30 - 17:30	10.00	WO/REP	31	I	Р		SICP & SITP 600 PSI CONTROL TBG, L/D REM 23/8 J-55, POOH W/ 207 JTS L/D MILL, RIH W/ X/N & 207 JTS BROACHING, LAND TBG. ND E NU WH SWI.RIG DOWN PREP TO MOVE IN A SDFN.	/ 1.875 BOPS
								KB = 12' CUM COST \$ 77,517.00 HANGER = .83' 207 JTS 23/8 J-55 = 6494.33' 1.875 X/N = 1.05' EOT @ 6508.21' TWLTR 60 BBLS	

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